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Biographical Narrative

The candidate is currently employed as the Leader, Ohio 4-H STEM, and Digital Engagement Innovations. In April 2012 he transferred to the faculty track as an Assistant Professor 4-H Youth Development and became an Associate Professor in 2018. In his current role he gives primary support towards 4-H program expansion around STEM & Technology. He collaborates with other educators and community stakeholders on county, state, & national programs that meet the needs and interests of young people.

STEM and Computer Science

The major responsibility is to lead statewide efforts in the areas of STEM and Computer Science on behalf of the Ohio 4-H Youth Development Program. The focus is to develop and support a statewide STEM and Computer Science program by enhancing partnerships, strengthening the volunteer base, increasing funding, and growing statewide program involvement.

- Partner with other entities involved in STEM outreach to develop statewide excellence.
- Lead state STEM efforts through the 4-H STEM Design team and provide support to counties.
- Coordinate Statewide involvement in the National STEM Challenge sponsored by National 4-H.
- Secure grants & partnerships to leverage the Ohio 4-H STEM program resource base and reach. Current grants and partnerships include Google, ODE, Tech Wizards and Apple.
- Provide primary leadership for the Apple Community Education Initiative (Clovers CODE).
- Offer Professional development to sustain educators' expertise in STEM and Computer Science.
- Practice effective Extension scholarship by conducting needs assessments, identifying priorities, creating STEM curriculum, measuring impact, and reporting results at professional meetings and in professional publications.

Ohio 4-H Digital Content Leader

The major responsibility is to lead statewide 4-H youth development efforts in interactive multimedia learning and digital 4-H membership through SPIN Clubs. The focus is to develop a comprehensive, visionary, expanded youth development program by enhancing partnerships, strengthening the volunteer base, increasing funding, and growing program enrollment through digital engagement.

- Identify a framework around interactive multimedia learning for youth and volunteers, used to guide and to expand and support Ohio 4-H programming.
- Develop, deliver, evaluate 4-H educational programming/content to engage defined target audiences through digital curriculum products, such as e-books, web sites, videos, online courses, and mobile apps. Curate content created by others.
- Employ strategies to target new & underserved audiences in digital SPIN club experiences.

Current University Appointment

2021 - Present. **Associate Professor, 4-H Youth Development**, Leader, Ohio 4-H STEM and Digital Engagement Innovations, OSU Extension, Columbus, Direct and expand statewide STEM partnerships with Apple, ODE, Google, and Ohio Academy of Science.

Past University Appointments

2018 - 2021. **Associate Professor, 4-H Youth Development**, .5 FTE, STEM Specialty - Area Leader .5 FTE Supervises, hires, & coaches 18 Extension educators & staff in 5 counties. OSUE Operations / Hardin County, Kenton.

2012 - 2018. **Assistant Professor, 4-H Youth Development**, Hardin County Extension, Kenton, Ohio.

2010 - 2012. **4-H Youth Development Educator III**, in Hardin County Extension, Kenton, Ohio.

2006 - 2010. **4-H Youth Development Educator II**, in Allen County Extension, Lima, Ohio.

2003 - 2006. **Director of Student Union and Camps & Conferences**, Ohio Northern University, Ada, Ohio.

1999 - 2003. **Director of Residence Life**, Ohio Northern Univeristy, Student Affairs, Ada, Ohio.

1996 - 1999. **Campus Engineer**, Ohio Northern University, Physical Plant, Ada, Ohio.

Degrees

2021   PhD, CFAES, Ohio State University, Agricultural & Extension Education.

2002   Master of Arts in College Student Personnel, Bowling Green State University

1996   Bachelor of Science in Civil Engineering, Ohio Northern University, Civil Engineering.

Teaching

1) Undergraduate, graduate, and professional courses taught

Period Offered	Course Number and Title (Credit Hours)	Enr.	% Taught, Role	Student Eval.	Peer Eval.
Autumn 2022	ACEL COMLDR 3330 Program Development and Evaluation (3) -	18	GUEST Lecturer	Yes	No
Fall 2018 – Fall 2022	Wright State Univeristy, Organizational Leadership Department, *OL 4010 – Leading Organizations*	15-20	Adjunct Professor	yes	no

2) Involvement in graduate/professional exams, theses, and dissertations, and undergraduate research

None

a) Graduate Students: Number Completed and Number Current

None

b) Describe any noteworthy accomplishments of graduate students for whom you have been the advisor of record, for example, publications during or emanating from graduate program, awards for graduate work, prestigious post-docs or first post-graduate positi (...)

None

c) Undergraduate Research Mentoring

None

d) Describe any noteworthy accomplishments of undergraduate students, in particlular related to research, for whom you have been the advisor of record (publications, posters, honors or student awards).

None

3) Involvement with Postdoctoral Scholars and Researchers

None

None

4) Extension and Continuing Education Instruction

This candidate has been invited to share his knowledge by presenting in local, state, national and international settings. Most of the local teaching relates to youth development subjects that center around over 200 different 4-H project areas. Any teaching beyond the local level relates to his specialty areas.

a. Teaching in Group Settings

This table is a summary of group teaching where the participants primarily included are Extension clientele, Extension youth development professionals, and Hardin County residents since 2012 when the candidate became an assistant professor. The groups taught were primarily those convened for one-time workshops, webinars, seminars, or classes.

Youth Development
Total Number of Participants: 9,022
Instances of Courses Offered: 178

Science, Engineering, and Technology
Total Number of Participants: 2,717
Instances of Courses Offered: 312

Volunteer Management
Total Number of Participants: 571
Instances of Courses Offered: 25

Group Teaching Total Number of Participants: 11,510
Group Teaching Instances of Courses Offered: 515

b. Individual Instruction

As an Extension professional in the local community, this candidate provides individual instruction through site visits, one-on-one consultations, telephone calls, email, and written correspondence with youth, parents, volunteers, and community leadership. Volunteer club leaders, committee members, youth leaders, and parents seek information regarding youth development policy and procedures, events and opportunities, guidelines, and other matters. The candidate guides youth and adult volunteers in regards to project requirements, guidelines, and resources. This candidate uses both online and face-to-face opportunities to interact with clientele.

Youth Development
Total Number of Contacts: 1062

Science, Engineering, and Technology
Total Number of Contacts: 120

Volunteer Management
Total Number of Contacts: 368

Total number of individual participants 1,517 Extension

Date	Title	Sponsor	Enr.	% Taught	Candidate's Role	Formal Eval.	Times Offered
2010 JAN	Master Gardener Course with Van Wert County (Volunteer Development)		9	50	Organizer, Resource Person	Yes	8
2019 JAN - 2019 DEC	Individual Instruction: Area Leader coaching of staff		1536	100	Meet with local Extension educators and staff one on one in my Area which involves five counties, 21 staff and collaborating with 8 community nutrition staff. Answer individual questions via email, text, and phone. Coach and support staff. 63 one-ones, 919 Emails, 572 Texts, and 45 calls		1536

2019 JAN - 2019 DEC	Individual Instruction: Internal and External Clientele (STEM)	Hardin County Extension	18	100	Answer questions for local clientele about Science, Technology, Engineering, and Math 4-H projects.	No	18
2019 JAN - 2019 DEC	Individual Instruction: Local Clientele (Volunteer Development)	Hardin County Extension	27	100	Answered questions for local volunteers about policy and club related issues.	No	27
2019 JAN - 2019 DEC	Individual Instruction: Local Clientele (Youth Development)	Hardin County Extension	53	100	Answer questions for local youth about general and livestock 4-H projects.	No	53
2018 JUN - 2018 DEC	Individual Instruction: Area Leader Coaching (Administration)		317	100	Meet with local Extension educators and staff one on one in my Area which involves five counties, 21 staff and collaborating with 9 community nutrition staff. Answer individual questions via email, text and phone. Coach and support staff.		317
2018 JAN - 2018 DEC	Individual Instruction: Internal and External Clientele (Science, Engineering, and Technology)		35	100	Answer questions for local clientele and colleagues about Science, Engineering, and Technology 4-H projects.	No	35
2018 JAN - 2018 DEC	Individual Instruction: Local Clientele (Volunteer Development)		34	100	Answered questions for local volunteers about policy and club related issues.	No	34
2018 JAN - 2018 DEC	Individual Instruction: Local Clientele (Youth Development)		73	100	Answer questions for local youth about general and livestock 4-H projects.	No	73
2018 JUN - 2018 AUG	Individual Instruction: Supervised Agricultural Education Student Internship (Youth Development)	College of Food Agriculture and Environmental Science	2	100	Supervised and taught 2 Internship college students during Summer. Hunt and Rall	Yes	1
2017 JUL	Cloverbud Maker session (Science, Engineering, and Technology)		18	100	Taught the different STEM stations to kindergarten to second grade youth.	No	1
2017 JUL	Hardin County 4-H Camp at Camp Ohio (Youth Development)		190	75	Lead Instructor, Activity Leader, and Resource Person - One of the larger camp enrollments in Ohio	Yes	1
2017 JUL	Tech Tuesdays - Robotics (Science, Engineering, and Technology)		2	100	Taught this 4-H Projet activity session at the spark lab on Lego robotics. Youth operated robots under the instruction of the educator.	Yes	1
2017 FEB - 2017 JUL	Hardin County Camp Counselor Training (Youth Development)		41	50	Co-instructor for camp counselor lessons	No	10
2017 JAN - 2017 JUL	Individual Instruction: Local Clientele (Volunteer Development)		76	100	Answered questions for local volunteers about policy and club related issues.	No	76

2017 JAN - 2017 JUL	Individual Instruction: Local Clientele (Youth Development)		73	100	Answer questions for local youth about general and livestock 4-H projects.	No	73
2017 JAN - 2017 JUL	Junior Fairboard Training (Youth Development)		50	100	Taught Junior fairboard teens lessons on team building, public speaking, and planning.	No	5
2017 JUN	Spark Lab - Innovation (Science, Engineering, and Technology)		12	100	Taught Innovation program to an FFA Chapter Officer team. let sessions on leadership, innovation, and design.	No	1
2017 JUN	State Tech Camp (Science, Engineering, and Technology)		22	50	Camp Co-Director and Main Lecturer for Robotics, Engineering, and Circuits Lessons	Yes	6
2017 JUN	Tech Tuesday - Science of Flight (Science, Engineering, and Technology)		6	100	Taught this activity and flew rockets and drones under the instruction of the educator.	No	1
2017 MAY - 2017 JUN	Spark Lab Presentation (Science, Engineering, and Technology)		25	100	Taught Ada Kiwanis and Kenton Optimists how the Spark Lab operates.	No	2
2017 APR - 2017 MAY	Hardin County 4-H New Advisor Training (Volunteer Management)		15	50	Co-Instructor - Taught about volunteer guidelines, child protection, and club structure.	Yes	2
2017 JAN - 2017 MAY	Kenton Tech Wizards After School Club (Science, Engineering, and Technology)		25	60	Co-taught Art-bot, robotics, STEM and team building lessons	Yes	15
2017 MAR	Spark Lab - Innovation (Science, Engineering, and Technology)		24	100	Taught Innovative programming to a 4-H club under the instruction of the educator. Created videos of our futuristic designed items.	No	1
2017 JAN - 2017 MAR	Hardin County 4-H Volunteer Training (Volunteer Management)		134	75	Co-Instructor for volunteer training and Policy 1.50	No	3
2016 JUL - 2016 DEC	WeGrill 4-H Grilling and Beyond (Youth Development)	Children Youth and Families At Risk	8	33	Set up the technology. Facilitated youth session. Coordinated survey on iPads.	Yes	4
2016 MAY - 2016 DEC	Individual Instruction: Supervised Youth Development Student Internship (Youth Development)	College of Food, Agricultural, and Environmental Sciences	2	100	Supervised and taught two youth development minor student interns during Summer Semester	Yes	2
2016 JAN - 2016 DEC	Kenton Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	19	60	Co-taught rockets, Sphero, and rollercoaster lessons	Yes	16
2016 JAN - 2016 DEC	Lifeworks Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	9	60	Co-taught sphero, garage band, and stop motion lessons	Yes	12

2016 NOV	Social Media Smarts (Youth Development)		26	100	Candidate led a workshop for high school FCCLA students on Social Media Smarts.	No	3
2016 MAY - 2016 OCT	Individual Instruction: Supervised Agriculture Education Student Internship (Youth Development)	Agriculture Technology Institute - Wooster Campus	1	100	Supervised and taught Agriculture Business (ATI) Student Internship student during Summer Semester	Yes	1
2016 JUN - 2016 SEP	STEAM on the QUAD (Science, Engineering, and Technology)	Hardin County 4-H	324	60	Candidate was on the committee to partner with OSU Lima and Allen and Putnam County offices to host a maker festival. Candidate planned 18 of the 30 stations for families to try related to STEM.	Yes	1
2016 JUN - 2016 AUG	Youth Livestock Quality Assurance (Youth Development)	Hardin County 4-H	93	40	Prepared course materials - Co-Instructor - Taught overview of 10 Good Production practices and led session on proper use and storage of medication.	No	1
2016 JUN - 2016 AUG	Youth Livestock Quality Assurance (Youth Development)	Hardin County 4-H	83	40	Prepared course materials - Co-Instructor - Taught overview of 10 Good Production practices and led session on proper use and storage of medication.	Yes	1
2015 NOV - 2016 AUG	Junior Fairboard Training (Youth Development)	Hardin 4-H	53	100	Taught Junior fairboard teens lessons on team building, public speaking, and planning.	No	5
2016 JUL	4-H Camp - Honey Bee Challenge (Science, Engineering, and Technology)	Hardin County 4-H	217	100	Taught camp youth how to complete the honey bee robotics challenge.	Yes	1
2016 JUL	4-H Camp - Rockets (Science, Engineering, and Technology)	Hardin County 4-H	39	100	Taught this activity rockets under the instruction of the educator.	No	4
2016 JUL	4-H Camp - Sphero Robotics (Science, Engineering, and Technology)	Hardin County 4-H	22	100	Taught this activity session at camp and the science behind sphero robotics. Youth operated robots under the instruction of the educator.	No	2
2016 JUL	Cloverbud sphero session (Science, Engineering, and Technology)	Hardin County 4-H	21	100	Taught the science behind sphero robotics to kindergarten to second grade youth. Youth operated robots and had a race.	No	1
2016 JUL	Hardin County 4-H Camp at Camp Ohio (Youth Development)	Hardin County 4-H	217	75	Lead Instructor, Activity Leader, and Resource Person - One of the largest camp enrollments in Ohio	Yes	1
2016 JUL	Judging of Non-Livestock 4-H Projects (Youth Development)	Hardin County 4-H	33	100	Interviewed youth about their projects. Taught them what they could improve.	No	2
2016 JUL	Tech Tuesdays - Robotics (Science, Engineering, and Technology)	Hardin County 4-H	15	100	Taught this 4-H Projet activity session at the spark lab on Lego robotics. Youth operated robots under the instruction of the educator.	Yes	1
2016 JUN - 2016 JUL	Hardin County Camp Counselor In Training Program (Youth Development)	Hardin 4-H	38	100	Developed materials and taught counselors in training on youth development and protection	Yes	3
2016 JUN -	Tech Tuesdays - Bluetooth Sports (Science,	Hardin County 4-H	33	100	Taught this 4-H Projet activity session at the spark lab on bluetooth sports. Youth	Yes	2

2016 JUL	Engineering, and Technology)				tried bluetooth sports equipment under the instruction of the educator.		
2016 JUN - 2016 JUL	Tech Tuesdays - Lego Simple Machines (Science, Engineering, and Technology)	Hardin County 4-H	42	100	Taught this 4-H Projet activity session at the spark lab on Lego simple machines. Youth created Lego cars under the instruction of the educator.	Yes	3
2016 JUN - 2016 JUL	Tech Tuesdays - Virtual reality (Science, Engineering, and Technology)	Hardin County 4-H	65	100	Taught this 4-H Projet activity session at the spark lab on virtual reality. Youth tried virtual reality equipment under the instruction of the educator.	Yes	6
2016 MAR - 2016 JUL	Tech Tuesdays - Sphero Robotics (Science, Engineering, and Technology)	Hardin County 4-H	47	100	Taught this activity session at the spark lab and the science behind sphero robotics. Youth operated robots under the instruction of the educator.	Yes	5
2016 FEB - 2016 JUL	Hardin County Camp Counselor Training (Youth Development)	Hardin 4-H	32	50	Co-instructor	No	8
2016 FEB - 2016 JUL	Hardin County Camp Counselor Training (Youth Development)	Hardin 4-H	32	60	Co-instructor for camp counselor lessons on emergencies, youth protection, wellness, problem-solving, and program planning	No	10
2016 JUN	Cloverbud Hoovercraft session (Science, Engineering, and Technology)	Hardin County 4-H	18	100	Taught the science behind hoovercrafts to kindergarten to second grade youth. Youth made their own hoovercrafts and got to ride on a hoovercraft.	No	1
2016 JUN	Horse Day Camp (Youth Development)	Hardin County 4-H	12	100	Developed and taught a horse skillathon by having participants go from station to station on their horses.	No	1
2016 JUN	Tech Tuesday - Science of Flight (Science, Engineering, and Technology)	Hardin County 4-H	6	100	Taught this activity and flew rockets and drones under the instruction of the educator.	No	1
2016 APR - 2016 JUN	Spark Lab - 3-D Printing (Science, Engineering, and Technology)	Hardin County 4-H	42	100	Taught 3-D printing to a 4-H clubs under the instruction of the educator.	No	2
2016 APR - 2016 JUN	Spark Lab Orientaiton (Science, Engineering, and Technology)	Hardin County 4-H	53	100	Taught Master Gardeners, Optimists, and PERI Retirees how the Spark Lab operates.	No	3
2016 MAY	Hardin County 4-H New Advisor Training (Volunteer Management)	Hardin County 4-H	10	50	Co-Instructor - Taught about volunteer guidelines, child protection, and club structure.	No	2
2016 MAY	Kenton - School Enrichment - Rockets (Science, Engineering, and Technology)	Hardin County 4-H	54	50	Taught the science of rockets to fourth grade youth	No	1
2016 APR	Grant Writing Workshop (Volunteer Development)	Ohio State University Extension	15	100	Led a discussion and activities on grant writing to on-campus agricultural sorority.	Yes	1
2016 APR	Spark Lab - Video Production (Science, Engineering, and Technology)	Hardin County 4-H	18	100	Taught Hardin Northern youth and HARCO developmental disability adults how the Spark Lab operates and taught a video production lesson.	No	2

2016 APR	Tech Tuesday - Smart Phone Workshop (Science, Engineering, and Technology)	Hardin County 4-H	7	60	Taught this activity to adults about how they could get the most from their smart phone or tablet.	No	2
2016 JAN - 2016 FEB	Hardin County 4-H Volunteer Training (Volunteer Management)	Hardin County 4-H	134	75	Co-Instructor for volunteer training and Policy 1.50	No	3
2015 JAN - 2015 DEC	Ada Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	12	70	Taught roller coaster lessons	Yes	11
2015 JAN - 2015 DEC	Individual Instruction: Internal and External Clientele (Science, Engineering, and Technology)	Hardin County Extension	15	100	Answer questions for local clientele about Science, Engineering, and Technology 4-H projects.	No	15
2015 JAN - 2015 DEC	Individual Instruction: Local Clientele (Volunteer Development)	Hardin County Extension	23	100	Answered questions for local volunteers about policy and club related issues.	No	23
2015 JAN - 2015 DEC	Individual Instruction: Local Clientele (Youth Development)	Hardin County Extension	65	100	Answer questions for local youth about general and livestock 4-H projects.	No	65
2015 JAN - 2015 DEC	Kenton Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	24	40	Co-taught robotics and video lessons	Yes	12
2015 JUN - 2015 AUG	Youth Livestock Quality Assurance (Youth Development)	Hardin County 4-H	155	40	Prepared course materials - Co-Instructor - Taught overview of 10 Good Production practices and led session on proper use and storage of medication.	Yes	2
2015 JUL	4-H Camp - Drones (Science, Engineering, and Technology)	Hardin County 4-H	56	100	Taught this activity session at camp and the science behind drones. Youth flew drones under the instruction of the educator.	No	5
2015 JUL	Cloverbud Drones and Flight session (Science, Engineering, and Technology)	Hardin County 4-H	26	100	Taught the science behind flight and drones to kindergarten to second grade youth. Youth made their own airplanes and got to fly drones.	No	1
2015 JUL	Hardin County 4-H Camp at Camp Ohio (Youth Development)	Hardin County 4-H	250	75	Lead Instructor, Activity Leader, and Resource Person - One of the largest camp enrollments in Ohio	Yes	1
2015 JUL	Judging of Non-Livestock 4-H Projects (Youth Development)	Hardin County 4-H	33	100	Interviewed youth about their projects. Taught them what they could improve.	No	2
2015 JUL	Ridgemont Drone Daycamp Workshop (Science, Engineering, and Technology)	Ridgemont Local Schools	14	100	Taught summer workshop about the science of drone technology	Yes	1
2015 FEB - 2015 JUL	Hardin County Camp Counselor Training (Youth Development)	Hardin 4-H	31	50	Co-instructor	No	8

2015 JUN	State Tech Camp (Science, Engineering, and Technology)	Ohio 4-H	22	40	Camp Co-Director and Main Lecturer for Robotics, Engineering, Drones, and Circuits. Co-taught solar energy.	Yes	6
2015 MAY - 2015 JUN	Dean's Futuring Workshop (Youth Development)	Ohio State University Extension	55	100	Led a discussion and activities on the next 100 year of Extension.	No	2
2015 MAY	Kenton - School Enrichment - Rockets (Science, Engineering, and Technology)	Hardin County 4-H	123	50	Taught the science of rockets to fourth grade youth	No	2
2015 APR - 2015 MAY	Hardin County Real Money Real World (Youth Development)	Hardin County Extension	223	40	Taught classroom lesson for Ada on banking. Coordinated simulation for money management teen program at Ada and Kenton with local volunteers. Taught youth at the housing and financial aid stations.	Yes	3
2015 APR - 2015 MAY	Individual Instruction: Supervised Agriculture Education Student Internship (Youth Development)	College of Food Agriculture and Environmental Science	1	100	Supervised and taught Agriculture Education Student Internship student during Spring Semester.	Yes	1
2015 JAN - 2015 MAY	Lifeworks After School Club (Youth Development)	Hardin County 4-H	11	40	Co-taught lessons from Art as Expression 4-H book	No	6
2015 APR	Putnam County Real Money Real World (Youth Development)	Putnam County Extension	411	10	Simulation day with volunteers - Taught students at the transportation booth.	Yes	1
2015 APR	Understanding your Leadership Footprint (Youth Development)	USV FFA	145	100	Keynote invited speaker for Upper Scioto FFA banquet to talk about Leadership.	No	1
2015 MAR	Increasing Your Productivity (Science, Engineering, and Technology)	Top Of Ohio Extension Education and Research Area	7	100	Lead a session to peers on productivity and how to prioritize the use of technology.	No	1
2015 MAR	Using Social Media to Boost Your Business (Science, Engineering, Technology)	Ohio Charter Captains Conference	175	100	Developed 100% of material and taught 100% presentation.	Yes	1
2015 JAN - 2015 MAR	Hardin County 4-H Volunteer Training (Volunteer Management)	Hardin County 4-H	93	75	Co-Instructor for volunteer training and Policy 1.50	No	1
2015 JAN - 2015 FEB	Ridgemont Robotics Workshop (Science, Engineering, and Technology)	Ridgemont Local Schools	24	100	Taught 100% of workshop	No	2
2014 JAN - 2014 DEC	Ada Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	12	50	Co-taught animation and circuit lessons	No	32
2014 JAN - 2014 DEC	Individual Instruction: eXtension Ask an Expert (Youth Development)	eXtension	3	100	Answered clientele's individual questions	No	3

2014 JAN - 2014 DEC	Individual Instruction: Internal and External Clientele (Science, Engineering, and Technology)	Hardin County Extension	16	100	Answering individual questions around the topics of science, engineering, and technology.	No	16
2014 JAN - 2014 DEC	Individual Instruction: Local Clientele (Volunteer Development)	Hardin County Extension	51	100	Answered clientele's individual questions	No	51
2014 JAN - 2014 DEC	Individual Instruction: Local Clientele (Youth Development)	Hardin County Extension	260	100	Answered clientele's individual questions	No	260
2014 JAN - 2014 DEC	Kenton Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	24	50	Co-taught animation and video lessons	No	32
2014 SEP	STEM Pathways (Science, Engineering, and Technology)	OSU Extension	64	20	Taught STEM challenges to high school youth during Farm Science Review	No	1
2014 JUL - 2014 AUG	Livestock Interviews (Youth Development)	Hardin County 4-H	402	100	Coordinated Interviews and instructed volunteers and youth about the day.	No	2
2014 JUL	4-H Camp - Fish Farm (Science, Engineering, and Technology)	Hardin County 4-H	260	100	Taught camp counselors how to be group facilitators and instructed campers through the process.	No	1
2014 JUL	4-H Camp - Hovercraft (Science, Engineering, and Technology)	Hardin County 4-H	20	100	Taught this activity session at camp and the science behind hovercrafts.	No	1
2014 JUL	Cloverbud Rockets session (Science, Engineering, and Technology)	Hardin County 4-H	35	100	Taught the science behind rockets to Kindergarten to second grade youth	No	1
2014 JUL	Ridgemont Robotics Workshop (Science, Engineering, and Technology)	Ridgemont Local Schools	12	100	Taught summer workshop to local youth about Lego NXT Robotics.	Yes	1
2014 FEB - 2014 JUL	4-H Grilling and Beyond (Youth Development)	Children Youth and Families At Risk	63	33	Set up the technology. Facilitated youth session. Coordinated survey on iPads.	Yes	3
2014 JAN - 2014 JUL	Hardin County Camp Counselor Training (Youth Development)	Hardin 4-H	21	50	Co-instructor	Yes	8
2014 JUN	Cloverbud Robotics session (Science, Engineering, and Technology)	Hardin County 4-H	22	100	Taught kindergarten to second grade cloverbud youth about Lego NXT robotics and programming.	No	1
2014 JUN	State Tech Camp (Science, Engineering, and Technology)	Ohio 4-H	22	50	Camp Co-Director and Main Lecturer for Robotics, Engineering, and Circuits	Yes	6
2014 MAY	Espy After School Club - Rockets (Science, Engineering, and Technology)	Hardin County 4-H	43	50	Taught the science of rockets to fourth grade youth	No	1

2014 MAY	Hardin County 4-H New Advisor Training (Volunteer Management)	Hardin County 4-H	10	50	Co-Instructor - Taught about volunteer guidelines and club structure.	Yes	2
2014 APR - 2014 MAY	Hardin County Real Money Real World (Youth Development)	Hardin County Extension	350	40	Co-Taught classes with colleagues and led simulation day with volunteers.	Yes	9
2014 JAN - 2014 MAY	Espy Tech Wizards After School Club (Science, Engineering, Technology)	Hardin County 4-H	16	50	Taught the robotics sessions for an afterschool club	No	14
2014 JAN - 2014 MAY	Lifeworks Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	11	100	Taught circuits sessions for an afterschool club	No	12
2014 FEB	Hardin County 4-H Head Advisor Training (Volunteer Management)	Hardin County 4-H	34	100	Yearly update to local volunteers - taught child protection lesson and reviewed calendar.	No	1
2014 JAN	Using Mobile Apps at your Fair (Science, Engineering, Technology)	Ohio Fair Manager's Association Conference	34	50	Wrote session materials on how to use mobile apps and technology at Ohio fairgrounds during the county fair.	Yes	1
2013 JAN - 2013 DEC	Ada Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	16	100	Taught lessons on robotics and circuits to afterschool youth in fourth through sixth grade youth.	No	12
2013 JAN - 2013 DEC	Individual Instruction: eXtension Ask an Expert (Youth Development)	eXtension	4	100	Answered individual clientele questions through an online teaching portal.	No	4
2013 JAN - 2013 DEC	Individual Instruction: Internal and External Clientele (Science, Engineering, and Technology)	Hardin County Extension	24	100	Answered individual questions relating to science, engineering, and technology topics.	No	24
2013 JAN - 2013 DEC	Individual Instruction: Local Clientele (Volunteer Development)	Hardin County Extension	67	100	Answered volunteer's individual questions.	No	67
2013 JAN - 2013 DEC	Individual Instruction: Local Clientele (Youth Development)	Hardin County Extension	235	100	Answered 4-H member's individual questions about general and livestock projects.	No	235
2013 JUL - 2013 AUG	Livestock Interviews (Youth Development)	Hardin County 4-H	435	100	Instructed judges about judging and awards process. Answered parent and youth questions throughout the day.	No	2
2013 JUN - 2013 AUG	Youth Livestock Quality Assurance (Youth Development)	Hardin County 4-H	107	100	Taught youth livestock exhibitors about animal care and food production.	Yes	2
2013 JUL	4-H Camp Roller Coaster Science (Science, Engineering, and Technology)	Hardin County 4-H	23	100	Taught sessions at camp about the science behind roller coasters. Participants built their own roller coasters under the direction of the instructor.	No	2

2013 JUL	Cloverbud Robotics Session (Science, Engineering, and Technology)	Hardin County 4-H	29	100	Taught a session to youth in kindergarten through second grade on the science of rockets and instructed participants how to build and launch their own bottle rocket.	No	1
2013 JUL	Hardin County 4-H Camp at Camp Ohio (Youth Development)	Hardin County 4-H	235	75	Lead Instructor, Activity Leader, and Resource Person	Yes	1
2013 JUL	Judging of Non-Livestock 4-H Projects (Youth Development)	Hardin County 4-H	421	100	Instructed judges about the judging and awards process. Answered questions from parents and youth participants.	No	3
2013 JUL	Ridgemont Robotics Workshop (Science, Engineering, and Technology)	Ridgemont Local Schools	29	100	Taught youth in grades 4-7 about robotics. Participants built Lego NXT robotics	Yes	1
2013 JUL	State Tech Camp (Science, Engineering, and Technology)	Ohio 4-H	24	50	Camp Director and Main Lecturer for Robotics	Yes	6
2013 JUN - 2013 JUL	Hardin County Camp Counselor In Training Program (Youth Development)	Hardin 4-H	15	100	Taught lessons on camp orientation, leadership, and youth development.	No	2
2013 JAN - 2013 JUL	Hardin County Camp Counselor Training (Youth Development)	Hardin 4-H	26	100	Taught lessons on child protection, homesickness, ages and stages, emergency management, and how to teach sessions.	Yes	8
2013 APR - 2013 JUN	Cloverbud Robotics Workshop (Science, Engineering, and Technology)	Ohio 4-H	39	33	Presenter of Hands on Robotics Workshop for Cloverbud volunteers	No	1
2013 MAY	Hardin County 4-H Head Advisor Training (Volunteer Management)	Hardin County 4-H	45	100	Update volunteers on new polices, taught new activities for use in the club, trained on quality assurance curriculum.	No	2
2013 MAY	Hardin County 4-H New Advisor Training (Volunteer Management)	Hardin County 4-H	7	100	Taught lessons on volunteer policies, club management, and youth development.	No	1
2013 APR - 2013 MAY	Espy After School Club - Rockets (Science, Engineering, and Technology)	Hardin County 4-H	62	50	Co-Taught lessons on the science of rockets and how to build a bottle rocket.	No	2
2013 APR - 2013 MAY	Hardin County Real Money Real World (Youth Development)	Hardin County Extension	205	40	Co-taught classes with colleagues and led simulation day with volunteers.	Yes	2
2013 JAN - 2013 MAY	Espy Tech Wizards After School Club (Science, Engineering, Technology)	Hardin County 4-H	19	50	Taught team building and robotics sessions for an afterschool club	No	14
2013 JAN - 2013 MAY	Lifeworks Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	14	50	Co-taught lessons on film making.	No	12
2013 APR	Energize Ohio Workshop (Science, Engineering, Technology)	OSU Extension	6	100	Taught lessons on wind power.	Yes	1

2013 APR	Exploring Tablet Computers (Science, Engineering, and Technology)	Hardin County Extension	6	100	Taught local clientele how to navigate and use their tablet computers.	No	1
2013 APR	Hardin County 4-H New Officer Training (Youth Development)	Hardin County 4-H	34	100	Coordinated overall teaching lessons, trained adult and youth session leaders, taught the treasure sessions.	No	1
2013 APR	Putnam County Real Money Real World (Youth Development)	Putnam County Extension	491	10	Simulation day with volunteers - Taught students at the housing booth.	Yes	1
2013 JAN - 2013 APR	Individual Instruction: Supervised Agriculture Education Student Internship (Youth Development)	College of Food Agriculture and Environmental Science	1	100	Supervised and taught Agriculture Education Student Internship student during Spring Semester.	Yes	1
2013 MAR	4-H Youth Career and Information Fair (Youth Development)	Hardin County 4-H	78	50	Lead Facilitator and coordinator. Taught youth about parallel career options to the 4-H projects they are taking.	No	1
2013 FEB	Facebook 101 (Science, Engineering, Technology)	Hardin County Extension	2	100	Taught local clientele about how to use Facebook and set up an account.	No	1
2013 JAN	Using Mobile Apps at your Fair (Science, Engineering, Technology)	Ohio Fair Manager's Association	54	100	Taught youth about how to use mobile apps during the fair to increase communication and productivity.	Yes	1
2012 JAN - 2012 DEC	Individual Instruction: eXtension Ask an Expert (Youth Development)	eXtension	8	100	Answering individual questions of clientele online.	No	8
2012 JAN - 2012 DEC	Individual Instruction: Internal and External Clientele (Science, Engineering, and Technology)	Hardin County Extension	27	100	Answered individual questions relating to science, engineering, and technology topics.	No	27
2012 JAN - 2012 DEC	Individual Instruction: Local Clientele (Volunteer Development)	Hardin County Extension	124	100	Answered individual questions relating to club management and youth protection.	No	124
2012 JAN - 2012 DEC	Individual Instruction: Local Clientele (Youth Development)	Hardin County Extension	321	100	Answered individual questions relating to general and livestock related 4-H projects.	No	321
2012 JUL - 2012 AUG	Livestock Interviews (Youth Development)	Hardin County 4-H	430	100	Taught judges about the judging and interview process. Answered parent and youth questions during event. Developed the interview material.	No	2
2012 JUN - 2012 AUG	Youth Livestock Quality Assurance (Youth Development)	Hardin County 4-H	83	100	Packaged course content and taught on animal care and livestock management.	Yes	2
2012 JUL	4-H Camp GPS Session (Science, Engineering, and Technology)	Hardin County 4-H	21	100	Taught two camp sessions on Global Positioning System and how satellites work	No	2
2012 JUL	Hardin County 4-H Camp at Camp Ohio (Youth Development)	Hardin County 4-H	234	75	Co-Leader, Activity Leader, and Resource Person	Yes	1

2012 JUL	Judging of Non-Livestock 4-H Projects (Youth Development)	Hardin County 4-H	457	100	Instructed judges about the interview and awards process. Answered parent and participant questions throughout the day.	No	3
2012 JUL	Move it Health Event (Youth Development)	Hardin County Extension	43	50	Co-Leader, Activity Leader, and Resource Person	Yes	5
2012 JUL	State Tech Camp (Science, Engineering, and Technology)	Ohio 4-H	16	50	Camp Director and Main Lecturer for Robotics	Yes	3
2012 JUN - 2012 JUL	Hardin County Camp Counselor In Training Program (Youth Development)	Hardin 4-H	25	100	Taught orientation, leadership, and youth development lessons.	Yes	4
2012 JAN - 2012 JUL	Hardin County Camp Counselor Training (Youth Development)	Hardin 4-H	20	100	Taught camp counselors lessons on child protection, emergency management, ages and stages, homesickness, health, and teaching sessions.	Yes	8
2012 JUN	Cloverbud Catapult Session (Science, Engineering, and Technology)	Hardin County 4-H	27	100	Taught kindergarten through second grade youth the physics behind catapults and how to build a scale model of one.	No	1
2012 APR - 2012 JUN	Individual Instruction: Supervised Agricultural Education Student Internship (Youth Development)	College of Food, Agricultural, and Environmental Sciences	1	100	Supervised and taught an Agriculture Education Student Internship during Spring Quarter.	No	1
2012 MAY	Hardin County 4-H New Advisor Training (Volunteer Management)	Hardin County 4-H	16	100	Taught youth development and club management lessons.	No	2
2012 APR - 2012 MAY	Hardin County Real Money Real World (Youth Development)	Hardin County Extension	320	40	Co-taught classes with colleagues and led simulation day with volunteers.	Yes	10
2012 MAR - 2012 MAY	Espy After School Club (Youth Development)	Hardin County 4-H	80	50	Taught team building sessions for an afterschool club	No	6
2012 JAN - 2012 MAY	Ada Tech Wizards After School Club (Science, Engineering, and Technology)	Hardin County 4-H	15	100	Taught agri-science and movie production lessons to after school youth in the fourth through sixth grade.	No	10
2012 APR	Cloverbud Robotics Workshop (Science, Engineering, and Technology)	Ohio 4-H	23	50	Presenter of hands-on Robotics workshop for Cloverbud volunteers	No	1
2012 APR	Hardin County 4-H New Officer Training (Youth Development)	Hardin County 4-H	43	100	Taught youth and adult volunteers the lesson plans that they would teach for the various offices. Led the news reporter section.	No	1
2012 APR	Putnam County Real Money Real World (Youth Development)	Putnam County Extension	341	10	Simulation day with volunteers stationed at the housing booth.	Yes	1
2012 MAR	4-H Youth Career and Information Fair (Youth Development)	Hardin County 4-H	132	50	Taught youth about parallel career options to the 4-H projects they are taking.	No	1

2012 MAR	Using Technology in your Club (Volunteer Development)	Ohio 4-H	43	100	Taught Ohio volunteers how to use technology and social media in their clubs for communication and management	Yes	1
2012 FEB	Facebook: Friend or Foe (Youth Development)	Ohio 4-H	22	50	Taught youth lesson on Facebook user agreement and Internet safety.	No	1
2012 FEB	Ohio 4-H Camp Counselors Go To Work (Youth Development)	Ohio 4-H	18	50	Taught youth lessons on career exploration and 21st century job skills.	No	1
2012 FEB	Sheep Web Ex Series (Volunteer Management)	OSU Extension	15	50	Local facilitator and discussion leader.	No	4
2011 JAN	Cyber Bullying (Science, Engineering, and Technology)		41	50	Wrote 60% of material.	No	1
2011 JAN	Findlay Real Money Real World (Youth Development)		112	100	Activity Leader	No	1
2011 JAN	OSU Lima Real Money Real World (Youth Development)		762	100	Organizer and Activity Leader	Yes	1
2011 JAN	Social Networking Tools for your Club (Volunteer Management)		51	100	Wrote 100% of content of training program and handouts	Yes	1
2010 JAN - 2011 JAN	Social Networking for your Business and for Person Use (Sciene, Engineering, and Technology)		21	100	Provided 100% of the content and handouts	No	1
2007 JAN - 2011 JAN	Technology at the Fair (Science, Engineering, and Technology)		324	100	Wrote 100% of the curriculum .	No	5
2006 JAN - 2011 JAN	Individual Instruction: Science, Engineering, and Technology			100	Assisted users with their Facebook accounts and how to navigate through social networks.	No	296
2006 JAN - 2011 JAN	Individual Instruction: Volunteer Development			100	Answered questions of volunteers that came in through various communication methods.	No	4806
2006 JAN - 2011 JAN	Individual Instruction: Youth Development			100	Answered questions of youth that came in through various communication methods.	No	2327
2006 JAN - 2011 JAN	Youth Programming at Fairs (Youth Development)		120	100	Co-Instructor	No	1
2010 JAN - 2010 OCT	CARteens (Youth Development)		132	10	Resource Person	No	10
2010 JAN	Allen / Hardin Energy Workshop (Science, Engineering, and Technology)		32	75	Event Moderator and Organizer	No	1

2010 JAN	Butterfly Release (Science, Engineering, and Technology)		260	10	Organizer and Resource Person	No	1
2010 JAN	Ethics Presentation (Youth Development)		40	100	Invited presenter who developed 100% of teaching materials.	No	1
2010 JAN	Spring Master Gardener Seminar (Volunteer Management)		147	50	Organizer	Yes	1
2009 JAN - 2010 JAN	Lima Parks Program (Youth Development)		245	100	Instructor	No	10
2008 JAN - 2010 JAN	Don't say No Tech, Become Techno Savvy (Science, Engineering, & Technology)		93	100	Contributed 100% of materials and 100% of teaching.	No	3
2008 JAN - 2010 JAN	Hardin Youth Leadership Program (Youth Development)		142	25	Co-Coordinator	Yes	4
2006 JAN - 2010 JAN	4-H Camp (Youth Development)		718	100	Coordinator and Resource Person	No	5
2006 JAN - 2010 JAN	Advisor Kick-Offs (Volunteer Development)		112	100	Instructor	No	5
2006 JAN - 2010 JAN	Allen Youth Leadership Program (Youth Development)		105	20	Co-Coordinator	No	8
2006 JAN - 2010 JAN	Camp Counselor Online Training (Science, Engineering, & Technology)		104	100	Instructor	No	3
2006 JAN - 2010 JAN	Camp Counselor Training (Youth Development)		148	100	Instructor	No	44
2006 JAN - 2010 JAN	Carcass Show (Youth Development)		1306	50	Co-Coordinator	No	5
2006 JAN - 2010 JAN	Cloverbud Day Camp (Youth Development)		145	100	Coordinator	No	5
2006 JAN - 2010 JAN	Junior Leadership and Junior Fairboard (Youth Development)		105	100	Instructor, Coordinator	No	37
2006 JAN -	Lima City After School Program (Science,		1521	100	Instructor	No	77

2010 JAN	Engineering, & Technology)						
2006 JAN - 2010 JAN	Livestock Skillathons (Youth Development)		4354	100	Coordinator	No	12
2006 JAN - 2010 JAN	Miscellaneous 4-H Judging and Evaluation (Youth Development)			100		No	5
2006 JAN - 2010 JAN	New Advisor Training (Youth Development)		61	100	Instructor	No	5
2006 JAN - 2010 JAN	Real Money Real World (Youth Development)			100	Facilitator	No	48
2006 JAN - 2010 JAN	State Fair 4-H Sheep Skillathon (Youth Development)			25	Facilitaor	No	
2006 JAN - 2010 JAN	Team Challenges: Youth in classroom settings, camps, retreats (Youth Development)		93	100	Instructor	No	4
2006 JAN - 2010 JAN	Volunteer Recognition (Youth Development)		265	100	Coordinator	No	4
2006 JAN - 2010 JAN	Youth Quality Assurance (Youth Development)		79	100	Lecture, DiscussionInstructor	No	8
2009 JAN	Rollercoasters (Science, Engineering, & Technology)		132	50	Contributed 50% of teaching.	No	2
2007 JAN - 2009 JAN	Rainy Day Activities: Balloon Art (Youth Development)		52	100	100% of the teaching and course development	No	3
2006 JAN - 2009 JAN	Bath Science Day (Science, Engineering, & Technology)		230	100	Instructor	No	1
2006 JAN - 2009 JAN	Blended E-Learning (Science, Engineering, & Technology)		43	15	Co-Instructor	No	1
2006 JAN - 2009 JAN	County / Regional Health and Safety Speaking Contests (Youth Development			100		No	3
2006 JAN -	Electricity: School Enrichment (Science,		534	100	Instructor	No	31

Date	Title				Role		
2009 JAN	Engineering, & Technology)						
2006 JAN - 2009 JAN	How to Navigate in Their Space (Science, Engineering, & Technology)		143	50	Co-Instructor	Yes	8
2006 JAN - 2009 JAN	Saving Face while Protecting MySpace: (Science, Engineering, & Technology)		512	50	Co-Instructor	Yes	15
2006 JAN - 2009 JAN	Tobacco and You: School Enrichment (Youth Development)		118	100	Instructor	No	2
2006 JAN - 2009 JAN	Weather: School Enrichment (Science, Engineering, & Technology)		420	100	Instructor	No	28
2008 JAN	Did You Know? (Science, Engineering, & Technology)		33	100		No	1
2008 JAN	Health & Safety Day at Proctor & Gamble (Youth Development)		250	100	Instructor, Coordinator	No	2
2008 JAN	Navigating in Their Space, Online Teen Social Networking(Science, Engineering, and Technology)		25	60	Candidate developed 60% of the materials and 25% of the teaching.	No	1
2006 JAN - 2008 JAN	Farm Discovery Days (Youth Development)			100	Coordinator	No	4
2006 JAN - 2008 JAN	Give Me Five / Family Fun Nights (Youth Development)		309	25	Co-Coordinator	No	6
2006 JAN - 2008 JAN	How to Avoid Marrying Mr. or Mrs. Wrong (Youth Development)		36	50	Co-Instructor	No	5
2006 JAN - 2008 JAN	How to Avoid the Money Pit (Youth Development)		36	50	Co-Instructor	Yes	5
2006 JAN - 2008 JAN	Know Thy Professor (Youth Development)		26	50	Co-Instructor	Yes	5
2006 JAN - 2008 JAN	Web Ex on Achievement Records (Science, Engineering, & Technology)		41	25	Co-Instructor	No	1

2007 JAN	Extension 2.0 (Science, Engineering, & Technology)			33	55	Percentage of contribution is 60% of content and 50% of the presentation.	No	1
2007 JAN	Volunteer Round Table (Youth Development)			50	50	Co-Instructor	No	2
2006 JAN - 2007 JAN	How to Get Connected to Their Space (Science, Engineering, & Technology)			38	50	Co-Instructor	No	1
2006 JAN - 2007 JAN	Team Challenges: Adults (Volunteer Development)			82	100	Instructor	Yes	1

Extension Programs and Events

Date	Title	Sponsor	Enr.	% Taught	Candidate's Role	Formal Eval.	Times Offered
2021 DEC	Ada Tech Wizards	Ohio State University Extension County	15	100	Activity Leader,Discussion Leader,Organizer	No	1
2021 DEC	Ada Tech Wizards	Ohio State University Extension County	15	100	Activity Leader,Discussion Leader,Organizer	No	1
2021 DEC	Marion DEI training	Ohio State University Extension County	34	15	Activity Leader,Discussion Leader	No	1
2021 NOV	Ada Tech Wizards	Ohio State University Extension County	15	100	Activity Leader,Discussion Leader,Organizer	No	1
2021 NOV	Ada Tech Wizards	Ohio State University Extension County	15	100	Activity Leader,Discussion Leader,Organizer	No	1
2021 OCT	Ada Tech Wizards	Ohio State University Extension County	15	100	Activity Leader,Discussion Leader,Organizer	No	1
2021 OCT	Ada Tech Wizards	Ohio State University Extension County	15	100	Activity Leader,Discussion Leader,Organizer	No	1
2021 SEP	STEAM on the QUAD at OSU Lima	Ohio State University Extension Region	194	100	Activity Leader,Organizer,Presenter,Resource Person	Yes, STEAM on the QUAD evaluation	1
2021 SEP	Clovers CODE training for 4-H Professionals	Ohio State University Extension State-wide	54	30	Activity Leader,Discussion Leader,Organizer,Presenter,Resource Person	Yes, Apple training evaluation	1
2021 SEP	Ada Tech Wizards	Ohio State University	15	100	Activity Leader,Discussion Leader,Organizer	No	1

		Extension County					
2021 SEP - 2021 SEP	Spark Lab on the Go	Ohio State University Extension County	21	100	Activity Leader,Discussion Leader	No	2
2021 AUG	Tech in the Classroom	Ohio State University Extension EERA	29	50	Discussion Leader,Lecturer	No	1
2021 JUL	Central State Guest Judge	Ohio State University Extension County	36	20	Activity Leader,Discussion Leader	No	1
2021 JUL	Hardin County STEM Judging	Ohio State University Extension	8	100	Discussion Leader	Yes, Project evaluation	1
2021 JUN	Marion County Judging	Ohio State University Extension County	6	100	Discussion Leader	No	1
2021 MAY - 2021 JUL	New staff member mentoring - Joe Ringler	Ohio State University Extension County	5	100	Activity Leader,Discussion Leader	No	5
2021 MAY - 2021 JUL	Hardin Hackers Spin Club	Ohio State University Extension County	45	100	Activity Leader,Presenter,Organizer	No	5
2021 MAY	Quality Assurance	Ohio State University Extension County	107	30	Activity Leader,Discussion Leader	No	1
2021 MAY - 2021 JUN	Richland County Coaching	Ohio State University Extension County	18	100	Discussion Leader,Organizer	No	6
2021 APR - 2021 JUN	Crawford County Coaching	Ohio State University Extension County	12	100	Activity Leader,Discussion Leader	No	4
2021 APR	Richland County Coaching - Copy	Ohio State University Extension County	3	100	Discussion Leader,Organizer	No	1
2021 APR - 2021 JUL	Wyandot County Coaching	Ohio State University Extension County	18	100	Activity Leader,Discussion Leader	No	6
2021 APR	Richland County Coaching	Ohio State University Extension County	3	100	Discussion Leader,Organizer	No	1

2021 APR	New Volunteer Training	Ohio State University Extension County	10	30	Discussion Leader,Activity Leader,Co-presenter	No	1
2021 APR	Online 4-H Promotion	Ohio State University Extension County	4	100	Activity Leader	No	1
2021 MAR - 2021 AUG	Marion County Coaching	Ohio State University Extension County	36	100	Activity Leader,Discussion Leader	No	9
2021 MAR	Richland County Coaching	Ohio State University Extension County	3	100	Discussion Leader,Organizer	No	1
2021 MAR - 2021 AUG	Hardin County Coaching	Ohio State University Extension County	60	100	Activity Leader,Discussion Leader	No	15
2021 MAR	Ridgemont Library Event	Ohio State University Extension County	7	100	Activity Leader	No	1
2021 MAR	Homemaker Leaders Cyber Safety Trainin	Ohio State University Extension County	11	100	Activity Leader,Discussion Leader	No	1
2021 FEB - 2021 FEB	Area 8 Training	Ohio State University Extension EERA	36	20	Activity Leader,Discussion Leader,Organizer	Yes, EEET	2
2021 FEB	Volunteer Kick off #2	Ohio State University Extension County	36	30	Activity Leader,Discussion Leader	No	1
2021 FEB	Volunteer Training	Ohio State University Extension County	97	50	Discussion Leader,Activity Leader	No	1
2021 FEB - 2021 SEP	New Staff Member Mentoring - Hardin County - Karen Fulks	Ohio State University Extension County	8	100	Activity Leader,Discussion Leader,Organizer	No	8
2021 JAN	Year 1 training	Ohio State University Extension State-wide	42	30	Activity Leader,Organizer,Discussion Leader,Co-presenter	No	1
2021 JAN	Year 1 training - Copy	Ohio State University Extension State-wide	42	30	Activity Leader,Organizer,Discussion Leader,Co-presenter	No	1
2021 JAN - 2021 JUL	New Staff member Mentoring - Dawn Kidwell	Ohio State University Extension County	4	100	Activity Leader,Discussion Leader	No	4

2021 JAN	Year 1 training	Ohio State University Extension State-wide	42	30	Activity Leader,Organizer,Discussion Leader,Co-presenter	No	1
2021 JAN	Richland County Camp - Sphero Robotics Session	Ohio State University Extension County	19	100	Activity Leader,Presenter	No	1
2020 DEC	Wyandot County Coaching	Ohio State University Extension County	2	100	Activity Leader,Discussion Leader,Organizer,Resource Person	No	1
2020 NOV	Area 2 and Area 8 Diversity 101 training	Ohio State University Extension Region	31	20	Activity Leader,Discussion Leader,Organizer,Resource Person	No	1
2020 OCT - 2020 DEC	Fall 4-H training	Ohio State University Extension State-wide	416	10	Discussion Leader,Co-presenter	Yes, Apple Education Evaluation tool.	8
2020 OCT	West Fest - Virtual - Computer Science lesson	Ohio State University Extension State-wide	13	40	Discussion Leader,Co-presenter	Yes, Westfest evaluation	1
2020 AUG	4-H Update for Rotary	Ohio State University Extension County	11	100	Presenter	No	1
2020 AUG	Customer Service presentation	Ohio State University Extension Region	21	100	Activity Leader,Discussion Leader,Presenter	Yes, EEET	1
2020 JUL - 2020 JUL	Hardin County STEM judging	Ohio State University Extension County	32	100	Activity Leader	No	5
2020 JUL - 2020 AUG	Quality Assurance	Ohio State University Extension County	167	30	Activity Leader,Discussion Leader	No	3
2020 JUN - 2020 JUL	Workforce Prep 4-H SPIN Club	Ohio State University Extension State-wide	25	30	Activity Leader,Discussion Leader,Organizer,Co-presenter	No	5
2020 MAY - 2020 JUN	Ohio Computer Science SPIN Club	Ohio State University Extension State-wide	292	50	Activity Leader,Co-presenter,Discussion Leader	Yes, Google grant evaluation	6
2020 MAY - 2020 JUN	Hardin Hackers	Ohio State University Extension County	20	100	Activity Leader,Discussion Leader,Resource Person,Organizer	No	2

2020 MAY	Boots and Buckles Hosting Virtual Club Meeting	Ohio State University Extension County	24	100	Activity Leader,Discussion Leader,Co-presenter	No	1
2020 MAY	Georgia 4-H STEM judging	Ohio State University Extension County	5	50	Activity Leader,Co-presenter	No	1
2020 APR - 2020 APR	Area 8 - Hardin County Staff meetings (Administration)	Ohio State University Extension County	25	100	Activity Leader,Discussion Leader,Organizer,Presenter,Resource Person	No	5
2020 MAR - 2020 MAY	Silver Creek Sliders Hosting Virtual Club meeting	Ohio State University Extension County	60	100	Activity Leader,Discussion Leader,Organizer	No	3
2020 MAR - 2020 MAR	Area 12 Coverage - Clark County (Administration)	Ohio State University Extension	28	100	Discussion Leader,Organizer,Resource Person	No	5
2020 MAR - 2020 MAY	Hardin County Wrangler Hosting Virtual Club meeting	Ohio State University Extension County	66	100	Activity Leader,Organizer,Discussion Leader	No	3
2020 MAR - 2020 APR	Hardin County Dairy Club Hosting Virtual Club meeting	Ohio State University Extension County	20	100	Activity Leader,Discussion Leader,Resource Person	No	2
2020 MAR - 2020 NOV	Richland County Coaching	Ohio State University Extension County	10	100	Organizer,Resource Person	No	4
2020 FEB - 2020 MAR	Rockets Away - Ada	Ohio State University Extension County	128	100	Activity Leader,Presenter	No	2
2020 JAN - 2020 FEB	Volunteer Kick Off Training	Ohio State University Extension County	135	35	Co-presenter,Resource Person	No	2
2020 JAN - 2020 AUG	Junior Fairboard meeting (Youth Development)	Ohio State University Extension County	522	100	Presenter,Discussion Leader,Resource Person	No	9
2020 JAN - 2020 FEB	Kenton Computer Science SPIN Club	Ohio State University Extension County	18	60	Activity Leader,Discussion Leader	No	2
2020 JAN - 2020 FEB	Ada Tech Wizards	Ohio State University Extension County	52	100	Activity Leader,Discussion Leader,Presenter,Resource Person	No	2
2020 JAN - 2020 FEB	Ridgemont HS - XCarve lesson	Ohio State University Extension County	9	100	Activity Leader,Resource Person	No	2

2020 JAN - 2020 JUL	Hardin County Staff Coaching	Ohio State University Extension County	29	100	Discussion Leader,Organizer,Resource Person	No	6
2020 JAN	Carey Real Money Real World (Youth Development)	Ohio State University Extension County	128	10	Activity Leader,Resource Person	Yes, RMRW student evaluation	1
2020 JAN - 2020 MAR	Health rocks programming at Marion (Youth Development)	Ohio State University Extension County	136	40	Activity Leader,Discussion Leader,Co-presenter	No	8
2020 JAN - 2020 SEP	Marion County Staff Coaching	Ohio State University Extension County	37	100	Discussion Leader,Organizer	No	5
2019 DEC	Ada Elementary Computer Science Event (STEM)	Ohio State University Extension County	194	20		Yes, Google grant survey	1
2019 DEC	Franklin County Camp Counselors - Social Media Smarts (Youth Development)	Ohio State University Extension County	48	100	Discussion Leader,Presenter	Yes, EEET	1
2019 OCT	Regional Makers Festival - STEM Challenge Sessions(STEM)	Ohio State University Extension EERA	38	50	Activity Leader,Discussion Leader,Co-presenter	Yes	1
2019 OCT - 2019 OCT	National Youth Science Day (STEM)	Ohio State University Extension County	238	100	Activity Leader,Discussion Leader,Presenter	Yes, Google Grant evaluation	4
2019 OCT - 2019 DEC	Ada Tech Wizards After school Fall (STEM)	Ohio State University Extension County	168	100	Activity Leader,Organizer,Presenter	No	7
2019 SEP	STEAM on the QUAD at OSU LIMA (STEM)	Ohio State University Extension Region	370	100	Organizer,Presenter,Activity Leader,Resource Person	Yes, Event Qualtrics for the parents	1
2019 JUL	4-H Project Make up Judging (Youth Development)	Ohio State University Extension County	13	100	Discussion Leader,Resource Person	Yes, Project evaluation and grades	1
2019 JUL - 2019 JUL	STEM sessions at 4-H Camp (STEM)	Ohio State University Extension County	47	100	Activity Leader,Presenter,Resource Person	No	3
2019 JUL	Spark Lab - Cloverbud Fun Day (STEM)	Ohio State University	43	40	Activity Leader,Discussion Leader,Organizer,Co-presenter	Yes	1

		Extension County					
2019 JUL - 2019 OCT	Spark Lab on the Go (STEM)	Ohio State University Extension County	239	100	Activity Leader	No	9
2019 JUN - 2019 JUL	Spark Lab - Workshop Wednesdays (STEM)	Ohio State University Extension County	10	100	Activity Leader,Presenter	Yes	2
2019 JUN - 2019 JUL	STEM Project Judging (STEM)	Ohio State University Extension County	12	100	Resource Person,Discussion Leader	Yes, Project evaluation and grade	2
2019 JUN	Spark Lab - Market Monday (Youth Development)	Ohio State University Extension County	5	20	Activity Leader,Discussion Leader,Co-presenter	Yes	1
2019 JUN - 2019 JUN	Ohio 4-H State Camp Tech (STEM)	Ohio State University Extension State-wide	84	50	Activity Leader,Organizer,Presenter,Discussion Leader,Resource Person	Yes, EEET	3
2019 JUN - 2019 JUN	Spark Lab - Tech Tuesdays (STEM)	Ohio State University Extension	12	100	Activity Leader,Presenter	Yes	3
2019 JUN	Livestock Bootcamp (Youth Development)	Ohio State University Extension County	37	30	Activity Leader,Discussion Leader,Organizer,Presenter	No	1
2019 MAY - 2019 DEC	Marion XL (Youth Development)	Ohio State University Extension County	102	30	Discussion Leader	Yes, grant evalutation	6
2019 MAY - 2019 DEC	Hardin Community School (Youth Development)	Ohio State University Extension County	84	30	Discussion Leader	Yes, grant evalutation	7
2019 MAY	COSI Science Festival (STEM)	Ohio State University Extension State-wide	98	50	Activity Leader,Co-presenter	Yes	1
2019 APR - 2019 AUG	Computer Science Spin Club - Hardin Hackers (STEM)	Ohio State University Extension County	140	60	Activity Leader,Discussion Leader,Organizer,Presenter	Yes, Grant evalutaion	7
2019 MAR	Wyandot County Advisory Committee (Volunteer Development)	Ohio State University Extension County	15	100	Presenter,Organizer	No	1
2019 MAR	Microsoft Grant Training (Volunteer	Ohio State University	233	10	Activity Leader,Organizer,Presenter,Discussion Leader	Yes,	1

	Development) (Youth Development)	Extension State-wide				National 4-H evaluation survey	
2019 FEB - 2019 FEB	Hardin County 3rd Grade - Straw Rockets (STEM)	Ohio State University Extension County	118	100	Activity Leader,Presenter	Yes	2
2019 FEB - 2019 AUG	Junior Fairboard (Youth Development)	Ohio State University Extension County	413	100	Activity Leader,Discussion Leader,Organizer,Presenter	No	7
2019 FEB	Hardin County Camp Counselor Retreat (Youth Development)	Ohio State University Extension County	39	40	Activity Leader,Discussion Leader,Organizer,Presenter	Yes	1
2019 JAN - 2019 FEB	Hardin County Volunteer kick off (Volunteer Development)	Ohio State University Extension County	113	50	Presenter,Organizer	Yes	2
2019 JAN - 2019 APR	Marion County Advisory Committee (Volunteer Development)	Ohio State University Extension County	30	50	Presenter,Organizer	No	2
2019 JAN - 2019 MAY	Ada Tech Wizards After school - Spring (STEM)	Ohio State University Extension County	126	100	Activity Leader,Organizer,Presenter	No	9
2018 DEC	Wyandot county Real Money Real World	Ohio State University Extension County	90	100	Activity Leader,Presenter,Organizer	Yes, RMRW evaluation	1
2018 SEP	STEAM on the QUAD	Ohio State University Extension Region	438	100	Activity Leader,Organizer,Presenter,Resource Person	Yes, Online survey	1
2018 SEP - 2018 DEC	Tech Wizards	Ohio State University Extension County	70	100	Activity Leader,Lecturer	No	5
2018 SEP	STEM at the Fair - Hardin	Ohio State University Extension EERA	120	100	Activity Leader,Presenter	No	1
2018 AUG	STEM at the Fair - Richland	Ohio State University Extension EERA	17	100	Activity Leader,Presenter	No	1
2018 JUL	STEM at camp	Ohio State University Extension County	34	100	Organizer,Presenter	No	1
2018 JUL	QA	Ohio State University	106	39	Activity Leader,Lecturer	Yes	1

		Extension County					
2018 JUL - 2018 JUL	STEM at the Fair - Marion	Ohio State University Extension EERA	136	100	Activity Leader,Presenter	No	2
2018 JUN - 2018 JUN	Workshop Wednesdays - Robotics	Ohio State University Extension County	10	100	Activity Leader,Organizer	Yes	2
2018 JUN - 2018 JUN	Tech Tuesdays - Circuits	Ohio State University Extension County	13	100	Activity Leader,Organizer	Yes	2
2018 JUN	Camp Tech - Circuits	Ohio State University Extension State-wide	24	100	Activity Leader,Organizer,Presenter	Yes, Camp Evaluation	1
2018 JUN	Camp Tech - STEM	Ohio State University Extension State-wide	24	100	Activity Leader,Organizer,Presenter	Yes, Camp Evaluation	1
2018 JUN	Camp Tech - Robotics	Ohio State University Extension State-wide	24	100	Activity Leader,Organizer,Presenter	Yes, Camp Evaluation	1
2018 MAY	Drones	Ohio State University Extension County	140	100	Activity Leader,Discussion Leader,Presenter	Yes	1
2018 MAR	Career Exploration	Ohio State University Extension County	21	70	Activity Leader,Organizer	Yes	1
2018 FEB - 2018 SEP	JFB	Ohio State University Extension County	371	100	Discussion Leader,Presenter	Yes	7
2018 FEB	Advisor update	Ohio State University Extension County	1	50	Discussion Leader,Lecturer,Organizer	Yes	1
2018 FEB	Advisor update	Ohio State University Extension County	1	50	Discussion Leader,Lecturer,Organizer	Yes	1
2018 JAN	Advisor Update	Ohio State University Extension County	109	50	Activity Leader,Discussion Leader	Yes	1
2013 AUG	asdfasd	Ohio State University Extension	4	100	Discussion Leader,Lecturer	Yes	1
2011 NOV	Leadership Styles	Ohio State University	36	100	Lecturer	Yes	1

		Extension County					
2011 SEP	Hardin County Fair	Ohio State University Extension County	851	100	Organizer	No	1
2011 JUN	Hardin County Quality Assuarance Training	Ohio State University Extension	546	100	Organizer,Presenter,Resource Person	No	1
2011 JUN	Hardin County Camp Counselor Training	Ohio State University Extension County	20	100	Lecturer,Presenter,Resource Person	Yes	1
2011 JUN	Hardin County Swim Party	Ohio State University Extension EERA	136	100	Activity Leader,Organizer	No	1
2011 MAY	Riverdale Schools	Ohio State University Extension County	93	100	Activity Leader	No	1
2011 MAR	Ada Tech Wizards	Ohio State University Extension County	20	100	Activity Leader,Organizer	No	1
2011 MAR	Using Social Networking with your Club	Ohio State University Extension State-wide	63	50	Discussion Leader	Yes	1
2011 MAR	Cyber Bullying	Ohio State University Extension State-wide	77	100	Discussion Leader	No	1
2011 MAR	Snow activities at Mad River Mountain	Ohio State University Extension EERA	21	50	Activity Leader	No	1
2011 FEB	Social Networking Tools for your Club (Science, Engineering, and Technology)	Ohio State University Extension	51	100	Lecturer	No	1
2011 FEB	Ottoville RMRW (Youth Development)	Ohio State University Extension	142	100	Presenter	No	1
2011 JAN	Using Technology at your Fair	Ohio State University Extension	54	100	Lecturer	No	1

Guest Lecture

Date	Title	Sponsor	Enr.	% Taught	Candidate's Role	Formal Eval.	Times Offered
2016 DEC	5129 Sci Pre K-3 Part 1 - Science Methods		25	100	Guest Lecturer. Taught students informal STEM educational lessons.	Yes	1
2007 JAN	Agriculture Education		23	15	Panel Member	No	

5) Curriculum Development

None

6) Brief Description of your approach to and goals in teaching, major accomplishments, plans for the future in teaching

None

7) Evaluation of Teaching

None

8) Awards and Formal Recognition for Teaching

- 2022 - Present. 2022 NAE4HYDP Excellence in Teamwork - Ohio, National Association of 4-H Youth Development Professionals
- 2020 - 2020. NAEFCS Innovative Youth Development Programming Award - Ohio winner 2020, National Associate of Extension Family Consumer Sciences
- 2016 - 2016. Team Teaching - Extension and non-Extension Collaborators - 2nd place, Epsilon Sigma Phi, The Ohio State University
- 2014 - 2014. Excellence in Teamwork - State Winner, National Association of Extension 4- H Agents
- 2013 - Present. Regional Distinguished Team Nomination from Ohio, Epsilon Sigma Phi, The Ohio State University
- 2012 - Present. Team Teaching Award, First Place: One Program Area, 2-4 members, Epsilon Sigma Phi, The Ohio State University
- 2012 - Present. Overall Distinguished Team Award, Epsilon Sigma Phi, The Ohio State University
- 2012 - Present. Outstanding Institutional Team, National eXtension
- 2011 - Present. Excellence in Camping - Team Award, National Association of Extension 4-H Agents
- 2008 - 2008. Epsilon Sigma Phi (ESP Team Teaching Award), Epsilon Sigma Phi
- 2007 - 2007. Epsilon Sigma Phi (ESP Team Teaching A), Epsilon Sigma Phi

9) Other Academic Advising

None

None

10) Teaching Professional Development

None

Research

1) List of Books, Articles, and Other Published Papers

None

Published Work Type	Number of Publications
Books	1
Bulletins, Tech Reports, Fact Sheets	4
Peer-Reviewed Journal Articles	10
Abstract And Short Entries	15

Papers In Proceedings	7
Total	37

a) Books (Other than Edited Volumes)

1. Light, M.D. (2021). *Exploring the Adaptability of Ohio State University Extension County 4-H Professionals to an All-Digital Environment During the COVID-19 Remote Work Period Based on Selected Variables and Their Relationship to Change Styles*. Columbus: Ohio Link. Retrieved from: http://rave.ohiolink.edu/etdc/view?acc_num=osu161895890913408

   Publication Status: Published.

b) Edited Books

None

c) Chapters in Edited Books

None

d) Bulletins, Tech Reports, Fact Sheets

1. Raines, A.K.; Light, M.; Coble, K.; Kirian, T. (2020). Virtual Meeting Agenda and Meeting Considerations. [Bulletin] Retrieved from https://ohio4h.org/sites/ohio4h/files/imce/Resources/COVID-19_Resources/Virtual%20Meeting%20Agenda%20Resource.pdf

   Publication status: Published

2. Raines, A.K.; Light, M.; Coble, K.; Kirian, T. (2020). Virtual Recreation Resource. [Bulletin] Retrieved from https://ohio4h.org/sites/ohio4h/files/imce/Resources/COVID-19_Resources/Virtual%20Recreation%20Resources.pdf

   Publication status: Published

3. Edmund, K., Logue, R., Light. M. (2016). Under-representation in Learning Technologies: Chapter Two: Comparing Educational Technology Use and Access in Three Ohio Schools. . [Published] Ohio State University, Columbus, Ohio, United States. Retrieved from http://go.osu.edu/learningtechnologies

   Publication status: Published

4. Atkins, M., Light, M., Soule, G., Turner, C. (2013). Leadership Road Trip. [Published] Ohio State University, Columbus, Ohio, United States.

   Publication status: Published

e) Peer-Reviewed Journal Articles

Hedrick, J.; Homan, G.; Horstman, J.; **Light, M.;** Dick, J. (2022) Retaining Young People in Rural Communities. *Beder Univeristy Journal of Education Sciences*. Retrieved from: http://bjes.beder.edu.al/uploads/bjes-26-june-2022.pdf

Homan, G.; Hedrick, J.; **Light, M.** (2019). Measuring High School Senior Students Workforce Competencies. *Association for Regional Colleges of Ohio Journal,* Retrieved from: https://aurco.net/Journals/AURCO_Journal_2019/Homan_Measuring_AURCO19.pdf

Homan, G.; Hedrick, J.; Dick, J.; **Light, M.** (2014). How Young Adults Perceive Their Rural Ohio Communities. *Journal of Rural and Community Development, 9* (2), Retrieved from: http://www.jrcd.ca/viewarticle.php?id=923&layout=abstract

Hedrick, J., **Light, M**., Dick, J. (2013). College Readiness for Rural Youth Initiative: Creating a Climate for Success. *Journal of Extension, 51* (6), 6IAW2. Retrieved from: http://www.joe.org/joe/2013december/iw2.php

Light, M., Falkenthal, J. (2013). Preparing Future Global Citizens to Lead and Serve: Positive Youth Development in Online Environments. *Journal of Youth Development - Bridging Research and Practice, 8* (1), pgs. 16-26. Retrieved from: http://www.nae4ha.com/assets/documents/jyd/jyd%20-130801.pdf

Hedrick, J., Light, M., Dick, J. (2013). College Readiness for Rural Youth Initiative: Creating a Climate for Success. *Journal of Extension, 51* (6), 6IAW2. Retrieved from: http://www.joe.org/joe/2013december/iw2.php

Hedrick, J., Homan, G., Dick, J., Light, M. (2012). Exploring Workforce Skills of Northwest Ohio High School Graduates. *Journal of Educational and Social Research, 2* (6), 249. Retrieved from: http://mcser.org/images/stories/JESR-Special-Issues/jesr%20vol%202%20no%206%20april%202012.pdf

Homan, G., Hedrick, J., Light, M., Dick, J. (2012). Retaining the Next Generation in Northwest Ohio. *Journal of Educational and Social Research, 2* (6), 233. Retrieved from: http://mcser.org/images/stories/JESR-Special-Issues/jesr%20vol%202%20no%206%20april%202012.pdf

Bates, J., Wilkinson, D., Mccarran, J., Remley, D., Light, M., Crawford, D., Dellifield, J. 0Strengthening Families through a Re-envisioned Approach to Fatherhood Education. *Journal of Extension,*

f) Editor-Reviewed Journal Articles

None

g) Reviews (Indicate Whether Peer Reviewed)

None

h) Abstract and Short Entries (Indicate Whether Peer Reviewed)

1. Light, M.D.; Dick, J.; Hedrick, J.A.; Homan, G. et al.. (2022). Retaining Young People in Rural Communities. *NEW PERSPECTIVES IN EDUCATION AND SOCIAL SCIENCES*.

   Publication status: Published.

2. Homan, G.; Hedrick, J.A.; Dick, J.; Light, M.D. et al.. (2022). Is There Too Much Pressure to Attend University in the United States? *NEW PERSPECTIVES IN EDUCATION AND SOCIAL SCIENCES ABSTRACT BOOK.*

   Publication status: Published.

3. Coble, K.; Hedrick, J.; Light, M.; Raines, A. et al.. (2018). STEAM on the Quad. *The Ohio State University Knowledge Bank, 6*. Retrieved from https://kb.osu.edu/handle/1811/84768.

    Publication status: Published.

4. Fogt, N., Light, M.. (2011). Social Networking I.Q. - Think Before You Click. [Abstract]. .

    Publication status: Published.

5. Homan, G., Hedrick, J., Dick, J., Light, M.. (2011). Are Young People Graduating High School with the Necessary Workforce Skills to Success. [Abstract]. *Association for University Regional Campuses of Ohio*.

    Publication status: Published.

6. Homan, G., Hedrick, J., Dick, J., Light, M.. (2011). Rural Youth Retention. [Abstract]. *Association for University Regional Campuses of Ohio*.

    Publication status: Published.

7. Homan, G., Hedrick, J., Dick, J., Light, M.. (2011). Workforce Skills of High School Youth. [Abstract]. .

    Publication status: Published.

8. Hedrick, J., Dick, J., Light, M., Stechshulte, J.. (2011). Effective Marketing for 4-H Camps. [Abstract]. .

    Publication status: Published.

9. Hedrick, J., Homan, G., , Dick, J., Light, M.. (2011). The Out Migration of Youth from Rural Areas. [Abstract]. .

    Publication status: Published.

10. Hedrick, J. Dick, J., Light, M.. (2010). Losing our Best and Brightest - Rural Youth Retention. [Abstract]. *National Association of Extension 4-H Agent Annual Conference*. Retrieved from http://2010nae4ha.org/pdf/2010Proceedings.pdf.

    Publication status: Published.

11. Hedrick, J., Dick, J., Light, M.. (2010). You're the Athlete. [Abstract]. *National Association of Extension 4-H Agents Conference*.

    Publication status: Published.

12. Nestor-McNeely, N., Cochran, G., Thomas, J., Light, M.. (2008). Online Camp Counselor Training. [Abstract]. *International Camping Conference*.

    Publication status: Published.

13. Raison, L., Fogt N., Light, M., Davis, A.. (2008). Navigating in Their Space, Online Teen Social Networking. [Abstract]. *National Extension - Galaxy III Conference*.

    Publication status: Published.

14. Nestor-McNeely, N., Ferrari, T., Cochran G., Light, M.. (2008). Preparing Camp Counselors Using Workforce Preparation. [Abstract]. *International Camping Conference.*

    Publication status: Published.

15. Raison, L., Fogt N., Light, M.. (2007). Navigating in Their Space, Online Teen Social Networking. [Abstract]. *National Association of Extension 4-H Agents (NAE4-HA) Annual Conference*.

    Publication status: Published.

i) Papers in Proceedings (Indicate Whether Peer Reviewed)

1. Hedrick, J.A., Dick, J., Light, M. (2014-5-1). *Demographic Factors and Community Perceptions Impact Young Adult Retention Trends in Rural Areas. 1*Paper presented at 3rd International Conference on Educational Sciences (ICES), (pp. 542-548). Tirane, Albania. Retrieved from URL http://ices.beder.edu.al/img/ICES%202014/docs/Proceedings%20Book%20ICES%202014.pdf

    Publication Status: Published, Acceptance Rate: 35.

2. Light, M., Hedrick, J., Dick, J. (2014-4-1). *Preparing Global Citizens to Lead and Serve: Positive Youth Development in Online Environments. 2014*Paper presented at International Society of the Social Studies Conference, (pp. 72-78). Orlando, Florida, United States. Retrieved from URL http://education.ucf.edu/isss/docs/ISSS_Proceedings2014.pdf

    Publication Status: Published, Acceptance Rate: 34.

3. Hedrick, J., Dick, J., Light, M. (2014-4-1). *College Readiness for Rural Youth Initiative: Creating a Climate for Sucess. 2014*(1). Paper presented at International Society of the Social Studies Conference, (pp. 48). Retrieved from URL http://www.education.ucf.edu/isss/docs/ISSS_Proceedings2014.pdf

    Publication Status: Published, Acceptance Rate: 89.

4. Light, M., Hedrick, J., Dick, J. (2013-12-1). *Perception of Young Adults in Rural Areas.* Paper presented at Engagement Scholarship Consortium Proceedings, (pp. 2). Lubbock, Texas. Retrieved from URL http://engagementscholarship.org/conference/esc-2013-meeting/presentation-materials

    Publication Status: Published, Acceptance Rate: 91.

5. Light, J., Dick, J. Hedrick, J. (2013-12-1). *College Readiness for Rural Youth.* Paper presented at Engagement Scholarship Consortium Proceedings, (pp. 2). Lubbock, Texas. Retrieved from URL http://engagementscholarship.org/conference/esc-2013-meeting/presentation-materials

    Publication Status: Published, Acceptance Rate: 91.

6. Hedrick, J. Light, M. Dick, J. (2013-3-1). *College Readiness: Preparing Rural Youth for the Future. 2013*Paper presented at International Society of the Social Studies Conference, (pp. 29-36). Orlando, Florida, United States. Retrieved from

URL http://education.ucf.edu/isss/docs/ISSS_Proceedings2013.pdf

Publication Status: Published, Acceptance Rate: 30.

7. Hedrick, J., Dick, J., Light, M., Homan, G. (2012-5-1). *Parent and Spouse Influence on Rural Retention Trends of Young Adults. 2012*Paper presented at International Society of the Social Studies Conference, (pp. 143). Orlando, Florida, United States. Retrieved from URL http://www.eric.ed.gov/PDFS/ED531864.pdf

Publication Status: Published, Acceptance Rate: 45.

j) Unpublished Scholarly Presentations (Indicate Whether Peer Reviewed)

Invited Presentations
International

1. Light, M.D.; Hedrick, J.A. (2022). *Clovers Code Clubs: Helping Youth Create Content.* International Technology and Engineering Educators Association 84th Annual Conference. Lecture conducted from Orlando, FL. https://www.iteea.org/Activities/Conference/ITEEA2022/196248/202584.aspx.

2. Hedrick, J.A.; Light, M.D. (2022). *Steam on the Quad.* International Technology and Engineering Educators Association 84th Annual Conference. Lecture conducted from Orlando, FL. https://www.iteea.org/Activities/Conference/ITEEA2022/196248/202584.aspx.

3. Hedrick, J.A.; Light, M. (2022). *The Essential Elements of 4-H Integrated Within the School Classroom.* The 7th Annual IAFOR International Conference on Education. Lecture conducted from Honolulu, Hawaii, United States.

National

1. Hedrick, J.A.; Light, M. (2021). *Balancing Digital Distractions in Work/Family Life.* Epsilon Sigma Phi National Conference. Lecture conducted from Savannah, Georgia, United States.

2. Light, M.D. (2021). *Getting to know Sphero Robotics.* Google CS Pathways. Lecture conducted from Salt Lake City, Utah.

3. Light, M.; Hedrick, J.A.; Raines, A.; Long, M.; Lawrence, E.; Coble, K.; Jackson, S. (2021). *Building Community Partnerships Through STEM Maker Events.* 2021 STEM Symposium. Lecture conducted from State College, PA, United States.

4. Light, M.; Hedrick, J.A. (2021). *Digital Detox: Setting Smartphone Boundaries During Virtual Work.* Extension Leadership Conference. Lecture conducted from Raleigh, North Carolina, United States.

5. Light, M.D.; Hedrick, J.A. (2020). *Digital Detox: Setting Smartphone Boundaries in 2020.* National Association of 4-H Youth Development Professionals Conference (NAE4-HYDP). Lecture conducted from Boise, Idaho, United States.

6. Long, M.; Light, M. (2020). *Introduction to Flipgrid for 4-H Project Judging.* NAE4HYDP Professional Development.

7. Hedrick, J.A.; Light, M.D. (2020). *Partnering Your Classrooms with Extension/Land-grant University Resources – OSU Extension and STEAM on the QUAD.* International Society of Social Studies Conference. Lecture conducted from Orlando, Florida, United States.

8. Hedrick, J.; Light, M.; Hedrick, W. (2019). *STEAM on the QUAD: Community Engagement Through Regional Campus Partnerships with OSU Extension and 4-H.* 2019 Engagement Scholarship Consortium. Lecture conducted from Denver, Colorado.

9. Dick, J.; Light, M.; Hedrick, J.A. (2019). *Managing Financial Risk with Your Volunteer Led Clubs and Affiliates.* National Extension Conference on Volunteerism. Lecture conducted from Billings, MT.

10. Hedrick, J.A.; Light, M. (2019). *Essential Elements of 4-H in the Classroom.* International Society of Social Studies Conference. Lecture conducted from Orlando, United States.

11. Light, M.D. (2018). *Life Member Seminar: How Technology is changing 4-H.* National Association of Extension 4-H Agents. Lecture conducted from Columbus, OH.

12. Hedrick, J.; Light, M. (2018). *Using Virtual Reality to Expand Opportunities for Rural Students.* International Society of Social Studies Conference. Lecture conducted from Orlando, United States.

13. Williver, T., Black, L., Light, M., Flores, R., Brees, S. (2016). *Educational Maker Spaces.* National Mentoring/OJJDP Tech Wizards webinar. Lecture conducted from .

14. Light, M., Seger, J., Wolfe, D. (2016). *Making Room for Maker Spaces.* Coffee break with an Ed Tech. Lecture conducted from . http://u.osu.edu/extensionedtech/2016/11/28/november-coffee-break-recording-maker-movement/.

15. Light, M., Raines, A. (2016). *Declutter you Digital Life.* The Extension Research and Support Staff Association Confernce. Lecture conducted from Columbus, Ohio.

16. Light, M. (2016). *Maker Movement in Cooperative Extension.* Ed Tech Tweet Up. Lecture conducted from . http://www.tchat.io/rooms/edtechln.

17. Light, M. (2016). *Successes for Mentoring Program Recruitment Panel.* National Mentoring Program Training. Lecture conducted from Washington D.C.

18. Light, M. (2016). *Ohio Tech Wizards Programming.* National Mentoring Program Training. Lecture conducted from Washington D.C.

19. Hill, P., Light, M., Belczyk, C. (2015). *How to Join the Maker Movement - Discussion with Ohio 4-H Educators.* eXtension professional spotlight. https://youtu.be/q52ssTr6vNE.

20. Bates, J.S., Light, M., & Wilkinson, D. (2015). *Tactile and Technological: puting Ketso, iPads, and N-VIVO to Use in Program Development.* CYFAR Professional Development Workshop. Lecture conducted from Crystal City, Virginia, United States.

21. Light, M., Zemler, A. (2015). *Board Development.* National Association of Extension 4-H Agents Spring Meeting. Lecture conducted from Portland, Oregon, United States.

22. Light, M., Bates, J., Wilkinson, D. (2014). *4-H Grilling and Beyond - Project Showcase.* Children, Youth, and Families At Risk (CYFAR). Lecture conducted from Crystal City, Virginia, United States.

23. Newby, K., Thomas, J., Light, M., (2010). *Is the Cooperative Extension's Mission and Funding Model Compatible with Programming on the Worldwide Web?* eXtension Virtual Annual Conference. Lecture conducted from Iowa, United States. http://www.extension.iastate.edu/broadcasts/.

24. Light, M. (2010). *Facebook for Professional Use.* University of Nevada Extension Annual Conference.

25. Newby, K., Thomas, J., Light, M., Kleinschmidt, A. (2010). *Adapting Enterprise 2.0 for Extension System.* eXtension Virtual Annual Conference. Lecture conducted from Iowa, United States. http://www.extension.iastate.edu/broadcasts/.

26. Light, M. (2010). *Facebook for Professional Use.* University of Nevada Extension Annual Conference. Lecture conducted from Nevada, United States.

27. Light, M. (2009). *Facebook 101.* eXtension Professional Development. http://www.extension.org/.

Regional

1. Light, M. (2015). *Getting Involved in Your NAE4HA.* National Association of Extension and 4-H Agents - Michigan State Meeting. Lecture conducted from Mount Pleasant, Michigan, United States.

2. Light, M. (2015). *Getting Involved in Your NAE4HA.* National Association of Extension and 4-H Agents - Kansas State Meeting. Lecture conducted from Dodge City, Kansas, United States.

3. Light, M. (2014). *Mobile Apps for the Extension Professional.* Illinois 4-H State Meeting for NAE4HA. Lecture conducted from Springfield, Illinois, United States.

4. Light, M. (2014). *Mobile Apps for the Extension Professional.* Indiana 4-H State Meeting for NAE4HA. Lecture conducted from Columbia, Indiana, United States.

5. Frendo, M., Light, M., Robideau, K., Buchele, R. (2014). *Using Technology to Enhance Your 4-H Experience.* North Central Region E-Forum. Lecture conducted from Wisconsin, United States. http://www.uwex.edu/ces/4h/ncrvd/eForum2013.cfm.

6. Light, M., Fogt. N., Davis, A. (2010). *Social Media 101.* North Central Region Volunteer. Lecture conducted from East Lansing, Michigan, United States.

State

1. Light, M.D. (2022). *Table Top Discussion: STEM programming Afterschool and in School.* Ohio 4-H Inservice. Lecture conducted from Columbus, OH.

2. Light, M.D.; Millhouse, C. (2022). *Ohio 4-H Share Fair - Mobile Design Lab.* Ohio 4-H Fall Inservice. Lecture conducted from Columbus, OH.

3. Light, M.D. (2022). *Ohio Department of Education - Afterschool Panel of Experts.* Summer Learning and Afterschool Opportunities Grant training. Lecture conducted from Columbus, OH.

4. Light, M.D. (2022). *Innovative Technology in Government.* Ohio Township Association Leadership Series. Lecture conducted from Columbus, OH.

5. Light, M.D. (2022). *4-H Mobile Design Lab.* Apple Transform Ed - Creative Educator Academy. Lecture conducted from Columbus, OH, United States.

6. Light, M.D. (2022). *Ohio 4-H STEM Programming Partnerships.* Believe in Ohio - Professional Development 2022. Lecture conducted from Dublin, OH.

7. Light, M.D. (2022). *OTEAA STEM Resources in 4-H.* Ohio Technology & Engineering Educators Association Professional Development. Lecture conducted from . https://www.oteea.org/professional-development.html.

8. Light, M.; Hedrick, J.A.; Young, A.; Downing, A. (2022). *Tech Wizards Afterschool Program.* Ohio 4-H Stem Conference. Lecture conducted from Columbus, Ohio, United States.

9. Light, M.; Hedrick, J.A.; Young, A.; Downing, A. (2022). *Tech Wizards Table Demonstrations.* Ohio 4-H Stem Conference. Lecture conducted from Columbus, Ohio, United States.

10. Light, M.D. (2021). *STEM Design Team update.* Koffee with Kirk State update. Lecture conducted from Columbus, United States.

11. Light, M.D. (2021). *Believe in Ohio - Entrepreneurial Spin Clubs.* Koffee with Kirk State update. Lecture conducted from Columbus, United States.

12. Light, M.D. (2021). *The Adaptability of County 4-H Professionals to an All-Digital Setting During the Remote Work Period Research Findings.* Ohio 4-H Professionals' In-service. Lecture conducted from Columbus, OH.

13. Light, M.D.; Davis, G. (2021). *OSU Extension Faculty P&T Workshop.* OSU Extension Department. Lecture conducted from Columbus, OH. https://youtu.be/RcbaB-UHtUM.

14. Davis, G.; Light, M.D. (2021). *New Faculty Workshop.* OSU Extension Department. Lecture conducted from Columbus, OH.

15. Hedrick, J.A.; Light, M.D. (2020). *Digital Overload: Setting Boundaries During COVID.* OSU Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

16. Light, M.D.; Hedrick, J.A. (2020). *Digital Distractions: Setting Personal Boundaries.* State 4-H In-service. Lecture conducted from Columbus, Ohio, United States.

17. Dick, J.; Light, M.D.; Stone, R.; Hogan, S.; Lawrence, E.; Staubach, T.R. et al. (2019). *Spin Club Presentation.* Ohio 4-H Hot Topics Webinar. Lecture conducted from Columbus, OH.

18. Lawrence, E.; Light, M.; Hedrick, J.; Long, M. (2019). *Virtual Reality.* State 4-H Professionals In-Service. Lecture conducted from Columbus, United States.

19. Light, M.; West, T.W. (2018). *Maker Space (STEAM on the Quad).* STEM Pathways In-Service. Lecture conducted from Columbus, Ohio.

20. Light, M., Raines, A. (2017). *Shoebox STEM ignite session.* SW Regional Spring Conference. Lecture conducted from Dayton, Ohio, United States.

21. Light, M., McClaskey, S., Mead, A. (2017). *Shoebox STEM.* Ohio 4-H STEM Pathways Inservice. Lecture conducted from Columbus, Ohio, United States.

22. Mead, A., Light, M., McClaskey, S. (2017). *Escape Room.* Ohio 4-H STEM Pathways Inservice. Lecture conducted from Columbus, Ohio, United States.

23. Light, M., Belczyk, C. (2016). *Maker Movement - 4-H section.* OSU Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

24. Light, M. (2016). *Digital Decluttering.* Ohio 4-H Staff Inservice. Lecture conducted from Columbus, Ohio.

25. Light, M., Lawrence, E. (2016). *Drones, 3-D Printers and Sphero.* Ohio 4-H STEM Pathways Inservice. Lecture conducted from Columbus, Ohio, United States.

26. Light, M. (2016). *STEM Pathways and the Maker Movement.* Ohio 4-H STEM Pathways Inservice. Lecture conducted from Columbus, Ohio, United States.

27. McClaskey, S., Light, M., Davis, A., Belcyzck, C., Williams, J., West, T. (2015). *STEM @ Camp.* Ohio 4-H STEM Pathways Inservice. Lecture conducted from Columbus, Ohio, United States.

28. Light, M., Davis, A. (2015). *Applying Technology to Teach STEM.* Ohio 4-H STEM Pathways Inservice. Lecture conducted from Columbus, Ohio, United States.

29. Light, M. (2015). *NXT versus EV3 Lego Robotics.* Ohio 4-H STEM Pathways Inservice. Lecture conducted from Columbus, Ohio, United States.

30. Light, M. (2011). *Having a Junior Fair with Limited Extension Support.* Ohio Fair Mangers Conference. Lecture conducted from Columbus, Ohio, United States.

31. Light, M.; Fogt, N. (2011). *Cyberbullying.* Ohio Volunteer and Teen Conference.

32. Light, M., Fogt, N., Gottke, H. (2010). *From No Tech to Techno Savy.* Ohio Volunteer Conference. Lecture conducted from Columbus, Ohio, United States.

33. Light, M. (2010). *Social Networking Tools.* Ohio 4-H Professionals Inservice. Lecture conducted from Columbus, Ohio, United States.

34. Tanner, T., Light, M. (2010). *Alternatives to Trophies.* Ohio Fair Managers Conference.

35. Newby, K., Light, M., Seger, J., Thomas J. (2010). *Adapting Technology Tools to External Audiences.* Ohio State University Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

36. Light, M., Daily, E. (2010). *Working in Trying Times with Minimal Resources.* Ohio State University Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

37. Light, M., Archer, T. (2010). *Conducting a Fair with Limited Extension Support.* Ohio Fair Managers Conference. Lecture conducted from Columbus, Ohio, United States.

38. Light, M. (2010). *Using Technology at Your Fair.* Ohio Fair Managers Conference. Lecture conducted from Columbus, Ohio, United States.

39. Light, M. (2010). *Shared Services.* OSU Extension Refinement Committee. Lecture conducted from Columbus, Ohio, United States.

40. Light, M. (2010). *Adapting Social Networking Tools to Benefit Ohio 4-H.* Ohio 4-H Professional Inservice. Lecture conducted from Columbus, Ohio, United States.

41. Light, M., Davis, A., Gottke, H. (2009). *Defending Your Space On-Line.* Ohio Teen Conference. Lecture conducted from Columbus, Ohio, United States.

42. Light, M. (2009). *Ways to Utilize Technology at the Fair.* Ohio Fair Managers Conference.

43. Light, M. (2008). *Communication and Story Telling.* Ohio 4-H Mini College.

44. Light, M., Nadine, F. (2008). *Teen Safety Online.* Ohio Teen Conference.

45. Light, M. (2008). *Technology at the Fair.* Ohio Fair Managers Conference.

46. Raison, L., Fogt N., Light, M., Davis, A. (2007). *Navigating in Their Space, Online Teen Social Networking.* OSU Extension Annual Meeting.

47. Homan, G., Light, M. (2007). *Volunteer Roundtable of Ideas.* Ohio Volunteer Conference.

48. Light, M. (2007). *Saving Face, While Protecting My Space.* Ohio Teen Conference.

Local

1. Light, M.D. (2022). *Clovers CODE Showcase.* NW Ohio FFA Career Day. Lecture conducted from Leipsic, Ohio.

2. Light, M. (2019). *Computer Science Can Be Your Future (Event Keynote).* Ada Computer Science Event. Lecture conducted from Ada, OH.

3. Hunt, J.; Light, M.D. (2019). *STEM Classroom and After-school Resources.* Hardin County Waiver Day. Lecture conducted from Kenton, Ohio.

4. Light, M.D. (2019). *Teen Tech Addiction.* Parent Education Seminar. Lecture conducted from Kenton, Ohio.

5. Light, M. (2016). *Spark Lab Innovation Center.* Top of Ohio EERA. Lecture conducted from Kenton, Ohio.

6. Light, M. (2015). *Understanding RIV.* Southwest Region Inservice. Lecture conducted from Urbana, Ohio.

7. Light, M. (2014). *Social Media for the 4-H Professional.* Crossroads EERA Retreat. Lecture conducted from Cambridge, Ohio, United States.

Other Presentations
International

1. Light, M.D.; Hedrick, J.A. (2022). *Tech Wizards Afterschool Clubs: Using Adult Mentors.* International Technology and Engineering Educators Association 84th Annual Conference. Lecture conducted from Orlando, Florida. https://www.iteea.org/Activities/Conference/ITEEA2022/196248/202584.aspx.

2. Hedrick, J., Homan, G., Dick, J., Light, M. (2012). *Exploring Workforce Skills of Northwest Ohio High School Graduates.* 2nd International Conference on Human and Social Sciences. Lecture conducted from Tirana, Albania.

3. Homan, G., Hedrick, J., Light, M., Dick, J. (2012). *Retaining the Next Generation in Northwest Ohio.* 2nd International Conference on Human and Social Sciences. Lecture conducted from Tirana, Albania.

National

1. McMurray, A.; Light, M.D. (2022). *4-H, STEM and Entrepreneurship...Oh My!* National Association of Science Teachers. Lecture conducted from Chicago, IL. https://my.nsta.org/conferences/sessions?id=2022CHI.

2. Light, M.D.; Hedrick, J.A. (2022). *Using Maker Fairs to Promote 4-H STEM Work by Partnering with Local College Campuses.* National 4-H STEM Symposium. Lecture conducted from State College, PA, United States. https://web.cvent.com/event/83e2e349-54c6-428e-aff5-dfe4325da351/websitePage:645d57e4-75eb-4769-b2c0-f201a0bfc6ce.

3. Light, M.D.; Hedrick, J.A. (2022). *Using Drones to Teach Computer Science.* National 4-H STEM Symposium. Lecture conducted from Pittsburg, PA. https://web.cvent.com/event/83e2e349-54c6-428e-aff5-dfe4325da351/websitePage:645d57e4-75eb-4769-b2c0-f201a0bfc6ce.

4. Light, M.D. (2022). *Clovers CODE: Creating Opportunities Designed for Everyone.* National 4- H STEM Symposium. Lecture conducted from Pittsburg, PA. https://web.cvent.com/event/83e2e349-54c6-428e-aff5-dfe4325da351/websitePage:645d57e4-75eb-4769-b2c0-f201a0bfc6ce.

5. Light, M.D. (2021). *Exploring the Adaptability of County 4-H Professionals to an All-Digital Setting During the COVID-19 Remote Work Period Research Findings.* National Association of Extension 4-H Youth Development Professionals. Lecture conducted from Mephis, TN. https://nae4hydp-conference-memphis.secure-platform.com/a/gallery/rounds/45/details/13698.

6. Light, M.D.; King, J. (2021). *The Adaptability of County 4-H Professionals to an All-Digital Setting During the Remote Work Period Based on Change Style Preferences Research Presentation.* Epsilon Sigma Phi Conference. Lecture conducted from Savanah, GA. https://espnational.org/2021-Member-Presentations#Two.

7. Light, M.D. (2021). *Exploring the Adaptability of County Extension Professionals to an All-Digital Setting During the COVID-19 Period.* Engagement Scholarship Consortium. Lecture conducted from Pittsburgh, PA. https://engagementscholarship.org/meetings/past-conferences/esc-2021-meeting/program/schedule.

8. Light, M.D.; King, J. (2021). *Exploring the Technology use of County 4-H Professionals to an All-Digital Setting During the COVID- 19.* National Extension Technology Conference. Lecture conducted from Ames, IA.

9. Lawrence, E.; Light, M.D.; Long, M. (2021). *Virtual Computer Science Special Interest Clubs.* 2021 STEM Symposium. Lecture conducted from Pittsburgh, PA.

10. Hogan, S.; Dick, J.; Epley, H.; Schweinsberg, M.; Light, M.D.; Stone, R. et al. (2020). *Putting a Positive SPIN on 4-H Youth Development by Developing an Organizational Plan of Action.* National Association of Extension 4-H Youth Development Professionals. Lecture conducted from Boise, Idaho. https://nae4hydp-conference.secure-platform.com/a/gallery/rounds/28/details/7141.

11. Raines, A.; Badertscher, M.; Dellifield, J.; Light, M.D. (2020). *Creating a Cross-Program Area Approach to Mental Health Education.* Epsilon Sigma Phi Conference. Lecture conducted from Rochester, NY. https://espnational.org/2020NY-Seminars.

12. Dellifield, J.; Raines, A.; Light, M.; Kirian, T. (2020). *Small Changes Have Big Impacts.* National Extension Association of Family and Consumer Sciences Virtual Annual Conference.

13. Light, M.; Hedrick, J.; Lawrence, E.; Long, M. (2018). *For my club, my community, my country, and my VIRTUAL world.* National Association of Extension 4-H Agents. Lecture conducted from Columbus, United States.

14. Light, M.; Hedrick, J.; Herner-Patrode, L. (2018). *Using Maker Festivals to Create Partnerships Between Campus and 4-H Youth Development.* Engagement Scholarship Consortium. Lecture conducted from Minneapolis, United States.

15. Light, M.D. (2018). *A Virtual Homecoming - Youth Using Virtual Reality to Showcase Their Hometown.* National Extension Technology Community Annual Conference. Lecture conducted from Blacksberg, VA. http://netc2018.org/netc2018-finalprogram.pdf.

16. Hedrick, J.A.; Light, M. (2018). *STEAM on the QUAD - OSU Regional Campus / OSU Extension Partnerships and Community Engagement.* Association for University Regional Campuses of Ohio. Lecture conducted from Mansfield, Ohio.

17. Raines, A.K.; Light, M.; Hedrick, J.; Coble, K. (2017). *STEAM on the Quad.* National Association of Extension 4-H Agents Annual Conference.

18. Belczyk, C., Light, M., Raines, A., Brodt, J., Williams, J., Dailey, E. (2017). *4-H Joins the Maker Movement.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from Indianapolis, Indiana, United States.

19. Light, M., Hedrick, J. (2017). *The Game of Life - Retaining Rural Youth in Northwest Ohio.* Engaged Scholarship Consortium. Lecture conducted from Birmingham, Alabama, United States.

20. Dick, J., Light, M., Hedrick, J., Miller, L. (2017). *Risk Management for Volunteers.* National Extension Conference on Volunteerism. Lecture conducted from Ashville, North Carolina.

21. Light, M., Hedrick, J., Dick, J. (2017). *Volunteers as Positive Online Mentors.* National Extension Conference on Volunteerism. Lecture conducted from Ashville, North Carolina.

22. Hedrick, J., Light, M. (2017). *Game of Life - Choices for Rural America Youth.* International Society of the Social Studies Conference. Lecture conducted from Orlando, Florida, United States.

23. House, P., Horton, R., Light, M., Belczyk, C., Winters, T., Stumbo, M., West, T. (2016). *STEM Pathways Design Challenges.* National Science Teachers Association. Lecture conducted from Columbus, Ohio, United States.

24. House, P., Horton, R., Light, M., Belczyk, C., Winters, T., Stumbo, M., West, T. (2016). *4-H Innovators Short Course.* National Science Teachers Association. Lecture conducted from Columbus, Ohio, United States.

25. House, P.; Horton, R.; Light, M. (2016). *Engagement + Problem Solving = Learning.* National Science Teachers Association Conference. Lecture conducted from Columbus, Ohio, United States.

26. House, P.; Belczyk, C.; Light, M.; West, T. (2016). *4-H Innovation...Design Challenges in Action!* National Science Teachers Association Conference. Lecture conducted from Columbus, Ohio, United States.

27. Light, M., Bates, J., Crawford, D., Raines, A. (2016). *WeGrill: Strengthening Relationships Between Youth and Their Fathers Through Grilling.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from New Orleans, Louisiana, United States.

28. Light, M., Bigger, C. (2016). *Life Member Workshop.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from New Orleans, Louisiana, United States.

29. House, P., Horton, R., Light, M., Belczyk, C., Winters, T., Stumbo, M., West, T., Wasko-Myers, J. (2016). *STEM Pathways...Engagement + Problem Solving = Learning.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from New Orleans, Louisiana, United States.

30. House, P.; Horton, R.; Stumbo, M.; West, T.; Winters, T.; Light, M. (2016). *STEM Pathways...Engagement + Problem Solving = Learning.* National Association of Extension Professionals Conference. Lecture conducted from New Orleans, Louisiana, United States.

31. Romich, E., Light, M. (2016). *Fun in the Sun: Solar Energy.* NACDEP ANREP Annual Conference. Lecture conducted from Burlington, Vermont, United States.

32. Light, M., Dellifield, D., Raines, A. (2016). *Innovation Grant: Spark Lab Innovation Center.* National eXtension Conference 2016. Lecture conducted from San Antonio, Texas. http://muconf.missouri.edu/nexc2016/ProfessionalDevelopment.html.

33. Light, M., Dellifield, D., Raines, A. (2016). *Creating a Reason to Come to the Office: Making Space for Innovation.* National eXtension Conference 2016. Lecture conducted from San Antonio, Texas. http://muconf.missouri.edu/nexc2016/ProfessionalDevelopment.html.

34. Hedrick, J., Light, M. (2016). *Exploring the Values, Goals, and Influence of Parents on Youth Career Choices.* International Society of the Social Studies Conference. Lecture conducted from Orlando, Florida, United States.

35. McClaskey, S., Light, M., Davis, A. (2015). *Empowering YOUth Through Technology: 4-H Camp Tech v.5.0.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from Portland, Oregon, United States.

36. Light, M., Belew, C., Zemler, A., Rhodes, A., Viau, C., Goode, Y., Turner, S., Reed, D., Wilson, J. (2015). *Cut, Copy, and Paste: National and Regional Award Showcase 2015.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from Portland, Oregon, United States.

37. Hedrick, J., Light, M., Dick, J. (2015). *Integrating Scholarly Work into Your 4-H Program.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from Portland, Oregon, United States.

38. Belew, C., Light, M., Zemler, A., Rhodes, A., Viau, C., Goode, Y., Turner, S., Reed, D., Wilson, J. (2015). *State Officer's workshop.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from Portland, Oregon, United States.

39. Hedrick, J., Light, M. (2015). *Exploring Ways to Engage Communities in Efforts to Retain Youth in Rural Areas.* Engagement Scholarship Consortium Conference. Lecture conducted from State College, Pennsylvania.

40. Light, M. (2015). *Mentoring Youth in an Online World.* National Extension Technology Conference. Lecture conducted from Big Sky, Montana, United States.

41. Light, M. (2015). *Making Mountains of Paper into Molehills by Going PaperLESS.* National Extension Technology Conference. Lecture conducted from Big Sky, Montana.

42. Dick, J., Light, M., Hedrick, J. (2015). *Volunteers Providing a Positive Youth Development Online Environment.* National Extension Conference on Volunteerism. Lecture conducted from Portland, Maine, United States. http://extension.umaine.edu/programs/necv/poster-showcases/.

43. Hedrick, J., Light, M., Dick, J. (2015). *Factors that Outweigh Urban Economic Opportunity and Keep Young Workers in Rural Agricultural Areas.* International Society of the Social Studies Conference. Lecture conducted from Orlando, Florida, United States.

44. Belew, C., Light, M., Zemler, A., Rhodes, A., Viau, C., Goode, Y., Turner, S., Reed, D., Wilson, J. (2015). *NAE4HA Member Engagement.* Joint Council of Extension Professional Conference. Lecture conducted from Las Vegas, Nevada, United States.

45. McClaskey, S., Light, M., Davis, A. (2014). *Transforming the Traditional Camp for Tech-Savvy Youth.* National Association of Extension 4-H Agents. Lecture conducted from Minneapolis, Minnesota, United States.

46. Light, M., Coble, K., Dick, J., Hedrick J. (2014). *Positive Youth Development Through Online Mentoring.* National Association of Extension 4-H Agents. Lecture conducted from Minneapolis, Minnesota, United States.

47. Light, M., Belew, C., Benton, S., Zemler, A., Rhodes, A., Parrott, A. , Davis, T. (2014). *Cut, Copy Paste, 2014.* National Association of Extension 4-H Agents. Lecture conducted from Minneapolis, Minnesota, United States.

48. Dick, J., Hedrick, J. Light, M. (2013). *College Readiness for Rural Youth.* Engagement Scholarship Consortium. Lecture conducted from Lubbock, Texas, United States.

49. Hedrick, J., Light, M., Dick, J. (2013). *College Readiness for Rural Youth.* Joint Council of Extension Professionals Galaxy Conference. Lecture conducted from Pittsburgh, Pennsylvania, United States.

50. Hedrick, J., Dick, J., Light, M., Homan, G. (2013). *How do Young Adults Working in Rural Areas Perceive Their Communities?* Rural Sociological Society: 76th Annual Meeting. Lecture conducted from New York, New York, United States.

51. Light, M., Hedrick, J., Dick, J. (2013). *College Readiness for Rural Youth.* Connect-Inform-Advance. Lecture conducted from Omaha, Nebraska, United States.

52. Light, M., Fogt, N., Thomas, J., Seger, J. (2012). *The Wonderful World of Magical Mobile Apps.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from Orlando, Florida, United States.

53. Fogt, N., Light, M. (2012). *You've Been Sent a SNIQ Game Request: Increasing Your Teens Social Networking I.Q. and Etiquette.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from Orlando, Florida, United States.

54. Dailey, E., Light, M. (2012). *Adjusting Your Game Plan When Faced With Reduced Resources.* National Association of Extension 4-H Agents (NAE4-HA). Lecture conducted from Orlando, Florida, United States.

55. Light, M., Dick, J., Hedrick, J. (2012). *Turning Your 4-H Work into a Treasure Chest of Research.* National Association of 4-H Extension Agents (NAE4-HA). Lecture conducted from Orlando, Florida, United States.

56. Light, M., Dick, J., Hedrick, J. (2012). *Retaining Young Families in Rural Communities to Protect the Future.* National Association of 4-H Extension Agents (NAE4-HA). Lecture conducted from Orlando, Florida, United States.

57. Thomas J., Light M., Fogt N., Seger, J., Newby, K. (2012). *Using Tablets, Smart Phones, and Other Mobile Technology to Create a Virtual Work Space and Increase Productivity.* National Extension Association of Family Consumer Science (NEAFCS). Lecture conducted from Columbus, Ohio, United States.

58. Ferrari, T., Arnett, N., Fogt, N., Light, M., Turner, C., Horvath, T., Albright, M., Gottke, H. (2012). *CampWORKS: A Work-Based Learning Approach to 4-H Camp Counselor Training.* National Camping Institute Annual Conference. Lecture conducted from Weston, West Virginia, United States.

59. Dick, J., Hedrick, J., Light, M. (2012). *Impact Your Campers Report.* National Camping Institute Annual Conference. Lecture conducted from Weston, West Virginia, United States.

60. Ferrari, T., Arnett, N., Fogt, N., Light, M., Young, B., Soule, G., Gottke, H.. (2012). *Work-Based Learning Goes to Camp: Results from a Three-Year Project in Ohio 4-H.* National Camping Institute Annual Conference. Lecture conducted from Weston, West Virginia, United States.

State

1. Light, M.D.; Barton, A.; Kulhanek, A.; Jepsen, D.; Adams, J. (2022). *Breaking Thru Silos: Learn from Successful Cross-Programmatic Teams.* OSU Extension Annual Conference 2022. Lecture conducted from Columbus, OH. https://lod.cfaes.ohio-state.edu/sites/lod/files/imce/2022_EAC_BreakoutSession%26PosterDescriptions_2022-11-07.pdf.

2. Light, M.D.; Millhouse, C. (2022). *Hitting the Road - Taking 4-H on the Road with the Mobile Design Lab - Poster.* OSU Extension Annual Conference 2022. Lecture conducted from Columbus, OH. https://lod.cfaes.ohio-state.edu/sites/lod/files/imce/2022_EAC_BreakoutSession&PosterDescriptions_2022-11-07.pdf.

3. Light, M.D.; Ward, T. (2022). *My iPad Can Do What?* Ohio State University Extension 2022 Annual Conference. Lecture conducted from Columbus, OH. https://lod.cfaes.ohio-state.edu/sites/lod/files/imce/2022_EAC_BreakoutSession%26PosterDescriptions_2022-11-07.pdf.

4. Light, M.D. (2022). *Clovers CODE: 4-H Members Explore Computer Science and Creativity.* Ohio 4-H Conference. Lecture conducted from Columbus, OH. https://ohio4h.org/sites/ohio4h/files/imce/2021%20O4HC%20Reg%20Book.pdf.

5. Light, M.D. (2022). *Sphero Robotics - Using Connected Devices to Teach Computer Science.* Ohio 4-H Conference. Lecture conducted from Columbus, OH. https://cpb-us-w2.wpmucdn.com/u.osu.edu/dist/3/23222/files/2022/01/2022-O4HC-Reg-Book_0.pdf.

6. Light, M.D.; McMurray, A. (2022). *Believe in Ohio: 4-H Entrepreneurial SPIN Clubs.* Ohio 4-H Conference. Lecture conducted from Columbus, OH. https://cpb-us-w2.wpmucdn.com/u.osu.edu/dist/3/23222/files/2022/01/2022-O4HC-Reg-Book_0.pdf.

7. Light, M.D.; Hedrick, J.A. (2022). *Digital Minimalism: Setting Boundaries for your Digital Devices.* Ohio 4-H Inservice. Lecture conducted from Columbus, OH.

8. Light, M.D. (2021). *Clovers CODE: Creating Opportunities Designed for Everyone.* Koffee with Kirk State 4-H Update. Lecture conducted from Columbus, United States.

9. Light, M.D.; Morrison, J. (2021). *The Disney Way.* Life Works Task Force.

10. Light, M.D. (2021). *Exploring the Adaptability of OSU Extension County 4-H Professionals to an All-Digital Setting During the COVID-19 Remote Work Period Based on Selected Variables and Their Relationship to Change Style Preferences.* CFAES Student Research Symposium. Lecture conducted from Columbus, OH. https://cfaesposters.osu.edu/research-projects/mark-light.

11. Badertscher, M.; Dellifield, J.; Light, M.D.; Raines, A. (2020). *Creating a Cross-Program Approach to Mental Health Education in your County Extension Office.* Ohio State Univerisity Extension Annual Conference. Lecture conducted from Columbus, Ohio.

12. Lawrence, E.; Hedrick, J.; Light, M.; Long, M. (2019). *Virtual Reality.* Ohio 4-H Professionals February In-Service. Lecture conducted from Columbus, United States.

13. Light, M.; Hedrick, J.; Herner-Patrode, L. (2018). *Full STEAM Ahead – Partnerships Between 4-H Youth Development and Local Campuses.* Ohio Campus Compact Annual Meeting. Lecture conducted from Columbus, Ohio, United States.

14. Light, M.D. (2018). *Virtual Reality - In Real Life.* Ohio 4-H STEM Inservice. Lecture conducted from Columbus, OH.

15. Seger, J.; Light, M.D. (2018). *Prototype Your STEM Programming with Design Thinking.* Ohio 4-H STEM inservice. Lecture conducted from Columbus, OH.

16. Belczyk, C., Light, M. (2017). *4-H Joins the Maker Movement.* Ohio Technology Summit. Lecture conducted from Marion, Ohio. http://www.ohiosummit.org/friday.html.

17. Remley, D., Jasinski, J., Seger, J., Light, M., Barrett, E. (2016). *Moving Beyond Factsheets and Journal Articles: A Proposed Peer-Review Process for Digital Scholarship.* OSU Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

18. Light, M., Raines, A., Bates, J., Remley, D., Crawford, D., Dellifield, J. (2016). *WeGrill: Partnering Across Program Areas.* OSU Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States. https://extension.osu.edu/about/extension-annual-conference/extension-annual-conference-eposters.

19. Belczyk, C., Light, M. (2016). *Ohio 4-H Joins the Maker Movement.* OSU Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

20. Belczyk, C., Light, M., West, T. (2016). *STEM Out of School.* Ohio Technology Summit. Lecture conducted from Marion, Ohio. http://www.ohiosummit.org/friday.html.

21. Light, M. (2016). *Digital Decluttering for the 4-H Professional.* Ohio 4-H Inservice. Lecture conducted from Columbus, Ohio.

22. Romich, E., Light, M. (2015). *Fun in the Sun: Exploring the Power of Solar Energy.* OSU Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

23. Light, M., Hedrick, J. (2015). *Youth Online Mentoring.* State 4-H Inservice. Lecture conducted from Columbus, Ohio, United States.

24. Light, M., Raines, A. (2015). *Tech Wizards After School Mentoring Program.* Ohio 4-H Conference. Lecture conducted from Columbus, Ohio, United States.

25. Light, M., Hedrick, J., Dick, J. (2015). *Making It Count- How a Research Project Can Boost Your Vita.* Ohio 4-H Professional's Inservice. Lecture conducted from Columbus, Ohio, United States.

26. Hedrick, J., Light, M., Dick, J. Coble, K. (2014). *Beyond 12: College Readiness for Rural Youth.* OSU Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

27. Gottke, H., Light, M. (2014). *About Face, Social Media.* Ohio 4-H Professional's Inservice. Lecture conducted from Columbus, Ohio, United States.

28. Dick, J,. Hedrick, J., Light, M. (2013). *Perceptions of Young Adults in Rural Areas.* OSU Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

29. Light, M. (2013). *Mobile Apps for 4-H Youth and Professionals.* Ohio 4-H Professional State Inservice. Lecture conducted from Columbus, Ohio, United States.

30. Wright, J.; House, P.; Light, M. (2013). *Marketing Your 4-H Program.* 4-H Extension Professional Development In-Service. Lecture conducted from Columbus, Ohio, United States.

31. Light, M., Johnson, T. (2012). *Go Paper LESS.* Ohio State Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States. http://extensionhr.osu.edu/AnnualConf/AC2012/AC2012SessionDescriptions.pdf.

32. Gottke, H., Light, M. (2012). *Turning Point Technologies: New Ideas to Try with Clicker Technology.* Ohio State Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States. http://extensionhr.osu.edu/AnnualConf/AC2012/AC2012SessionDescriptions.pdf.

33. Dick, J,. Hedrick, J., Light, M. (2012). *College Readiness for Rural Youth.* OSU Extension Annual Conference. Lecture conducted from Columbus, Ohio, United States.

Local

1. Light, M. (2015). *Increasing Your Productivity.* Top of Ohio Extension Education and Research Area Spring Meeting. Lecture conducted from Urbana, Ohio, United States.

k) Potential publications under review (indicate authorship, date of submission, and to what journal or publisher the work has been submitted)

1. Light, M.,. (2017). Making Space for Maker: Designing the Educational Classroom of the Future. Submitted to: Journal of Youth Development, Manuscript Revision.

2. Hedrick, J., Dick, J., Light, M., Homan, G. (2013). Demographic Factor and Community Perceptions Impact Young Adult Retention Trends in Rural Areas. Submitted to: The Journal of Human Sciences and Extension, Manuscript Revision.

3. Hedrick, J., Light, M., Dick, J.. (2013). College Readiness for Rural Youth Initiative. Submitted to: Journal of Extension, Manuscript Revision.

4. Light, M., Falkenthal, J.. (2012). Preparing Future Global Citizens to Lead and Serve: Positive Youth Development in Online Environments. Submitted to: Journal of Youth Development, Manuscript Revision.

2) List of creative works pertinent to your professional focus

None

Creative Work Type	Number
Multimedia, Database and Website	16
Radio and Television	1
Other Creative Works	10
Total	27

Moving Image

1. Rice J(Producer), (n.d). *4-H Mobile Design Lab* [Moving Image]. Distributed By United States: College of Food, Ag, and Environmental Science. Available from: https://youtu.be/yHb_kro3WRA

Multimedia / Database / Website

1. Light, M.D. (2021). *Thinking Outside the Box* . Retrieved from https://livehealthyosu.com/2021/12/09/thinking-outside-the-box/

   Publisher: Live Healthy Live Well Team, Last updated on: 2021-12-06

2. Light, M.D. (2021). *Schedule a Technology Outage* . Retrieved from https://livehealthyosu.com/2021/10/08/schedule-a-technology-outage/

   Publisher: Live Healthy Live Well Team, Last updated on: 2021-10-08

3. Light, M.D. (2021). *Digital Minimalism* . Retrieved from https://livehealthyosu.com/2021/07/26/digital-minimalism/

   Publisher: Live Healthy Live Well, Last updated on: 2021-07-26

4. Light, M.D.; Thoreau, M.; Long, M.; House, P. et al. (2021). *Ohio 4-H STEM blog* . Retrieved from https://u.osu.edu/ohio4hstem/

   Publisher: Ohio State University, Last updated on: 2021-06-30

5. Light, M.; Raines, A.; Dellifield, J.; Badertscher, M. (2021). *Hardin County Website* . Retrieved from https://hardin.osu.edu/

   Publisher: The Ohio State University, Last updated on: 2021-12-31

6. Raines, A.; Light, M. (2021). *Hardin County 4-H Facebook Page* . Retrieved from http://www.facebook.com/hardinco4h

   Last updated on: 2021-12-31

7. Light, M.D. (2020). *4-H STEM Challenge going on a mission to Mars* . Retrieved from http://www.adaicon.com/news/202010/4-h-stem-challenge-going-mission-mars

   Publisher: Ada icon, Last updated on: 2020-10-27

8. Light, M.D. (2020). *Join the Digital Empowerment for Parents Discussion* . Retrieved from http://www.adaicon.com/news/202003/join-digital-empowerment-parents-discussion

   Publisher: Ada Icon, Last updated on: 2020-03-03

Radio and Television

1. (n.d). *4-H Program Teaches Youth Coders of the Future* [TV broadcast/ recording]. Distributed By : Spectrum News. Available from: https://spectrumnews1.com/oh/columbus/news/2022/11/17/youth-4h-

2. Kiser J(Producer), (n.d). *Extension Today: Clovers CODE* [TV broadcast/ recording]. Distributed By : NBC4 WCMH-TV. Available from: https://extension.osu.edu/today/clovers-code

3. (2021). *"STEAM on the Quad gets young kids excited about learning" television interview* [TV broadcast/ recording]. Available from: https://www.hometownstations.com/news/steam-in-the-quad-gets-young-kids-excited-about-learning/article_ed06a6b6-1e61-11ec-a761-1fe15be07522.html?utm_medium=social&utm_source=email&utm_campaign=user-sh

4. (2020). *4-H Students Cross Fingers as County Fairs Navigate Coronavirus* [TV broadcast/ recording]. Distributed By : Spectrum News. Available from: https://spectrumnews1.com/oh/columbus/news/2020/06/24/4-h-students-cross-fingers-as-county-fairs-navigate-coronavirus

5. (2020). *Self Care Saturday Yoga* [Online broadcast/recording].

6. (2019). *Hardin County 4-H Hour of Code* [Online broadcast/recording]. Available from: https://www.youtube.com/watch?v=i_icellrZ3k

7. (2013). *Technology Today* [Radio broadcast/ recording]. Distributed By : WFIN 1330 AM.

Other Creative Works

1. Casey, M. (2022). *Buckeyes Abound at the State Fair* [Alumni Feature]. Columbus, United States:

   Publication: Ohio State University Alumni Magazine, Start date: 2022-10-18, End date: 2022-10-20, Ed.: Fall 2022

2. Light, M.D. (2020). *Making Space for Makers* [Blog peer reviewed article]. Columbus, United States:

   Publication: Ohio 4-H STEM Blog, Start date: 2020-10-28, End date: 2020-10-2

3. Turner, T.; Light, M. (2020). *Ohio 4-H blog brings STEM education to you virtually* [Quoted article]. Columbus, United States:

   Publication: CFAES News

4. Light, M.D. (2020). *4-H Camp Tech* [Peer reviewed blog post]. Columbus, United States:

   Publication: Ohio 4-H STEM Blog

5. Raines, A.; Light, M.D. (2020). *Hardin County 4-H Tabloid* [Newspaper Insert]. Kenton Times.

6. Light, M.D. (2020). *Ada Icon online newspaper* [News Releases]. Ada, Ohio, United States:

   Publication: 4-H news articles, Start date: 2019-1-1, End date: 2019-12-31, Medium: Online Newspaper

7. Light, M. (2019). *Kenton Times 4-H Tabloid* [News Releases]. Kenton, Ohio, United States:

   Start date: 2014-1-1, End date: 2019-1-1

8. Lawrence, E.D.; Dick, J.; Light, M.; Staubach, T.; Stone, R.; Hogan, S. et al. (2019). *SPIN Club Guidelines* [Guidelines]. Columbus, United States: November 4-H Hot Topics.

9. Joseph, P.; Light, M.; Hedrick, J. (2019). *Ohio 4-H Foundation Highlights* [Newsletter]. Lima, United States:

   Publication: - STEAM on the QUAD, Start date: 2019-11-1, End date: 2019-11-30

10. Raines, A.K.; Light, M. (2018). *Raise Your Hand Promotional Video* [Video Production]. Kenton, Ohio, United States:

    Start date: 2018-5-1, End date: 2018-5-1

11. Raines, A.; Light, M. (2018). *Hardin County 4-H Tabloid* [Ada Herald Tabloid]. Ada, OH

    Start date: 2018-1-1, End date: 2018-6-30

12. Raines, A.; Light, M. (2018). *Hardin County 4-H Tabloid* [Kenton TImes Tabloid]. Kenton, OH

    Start date: 2018-1-31, End date: 2018-4-30

13. Light, M. (2016). *STEAM on the Quad aimed at getting students interested in Science, Technology and Art* [Interview]. Lima, Ohio

    Start date: 2016-9-1, End date: 2016-9-1

14. Light, M. (2013). *Ada Herald (quarterly)* [News Releases]. Ada, Ohio, United States:

    Start date: 2013-1-1, End date: 2013-9-1

15. Light, M. (2013). *Kenton Times (Quarterly)* [News Releases]. Kenton, Ohio, United States:

    Start date: 2013-1-1, End date: 2013-12-1

16. Light, M. (2012). *Online Youth Development: Learning to Manage Risks* [Newsletter]. Columbus, Ohio, United States:

    Publication: Ohio 4-H Teen Connections, Start date: 2012-3-1, End date: 2012-3-1

17. Light, M. (2012). *Kenton Times (Quarterly)* [News Releases]. Kenton, Ohio, United States:

    Start date: 2012-1-1, End date: 2012-12-1

18. Light, M. (2012). *Ada Herald (quarterly)* [News Releases]. Ada, Ohio, United States:

    Start date: 2012-1-1, End date: 2012-12-1

19. Light, M. (n.d.). *Ada Icon* [News Releases]. Ada, Ohio, United States:

    Start date: 2013-1-1, End date: 2013-12-1

Research Funding

Research funding is essential to enhance and increase the programming aligned with this candidate's STEM and Digital Engagement specializations. The candidate has written for and managed grant dollars for Extension programming more than $**4.9 million dollars** in collaboration with others to support teaching and research in STEM education and youth leadership/development since 2006.

He has received multiple gifts and grants that benefited his local youth program as well as other 4-H counties in Ohio. Of this amount, he has been the sole Principal Investigator for **$3.1 million** of this total. He has expanded the Apple partnership to over half Ohio counties as well as other land-grant institutions.

Number of Grants funded and total amount: 24 for **$4,882,055**
Number of Grants not funded and total amount: 3 for $1,136,150
Total other funding acquired: 25 for **$51,870**

a) Funded Research, including Contracts and Clinical Trials, on Which the Candidate is or has been the Principal Investigator

9/2022 - 9/2024. After School Expand. Ohio Department of Education. (USD 597,944 Total Award) Training Grant. 2/2022
PI: Light, M

Explanation of Role: PI for the statewide grant application. Funded for the school year of 2022-2023, and 2023-2024. Able to hire 7 new staff members to expand STEM programming Statewide. Funded Mobile Design Lab bus for statewide expansion of Clovers CODE.

5/2022 - 9/2024. Ohio Department of Education Summer Expand Grant. Ohio Department of Education. (USD 579,030 Total Award) Training Grant. 2/2022
PI: Light, Mark
Explanation of Role: PI for the statewide grant application. Funded for summer of 2022, 2023, and 2024. Able to hire 7 new staff members to expand STEM programming Statewide. Funded Mobile Design Lab bus for statewide expansion of Clovers CODE.

10/2022 - Present. Google Computer Science Lead State: Ohio State University. National 4-H Council. (USD 217,400 Total Award) Training Contract. 8/2022
PI: Light, M
Co-I: Bloir, K
Explanation of Role: Lead State: Ohio State University for a multistate effort to expand Computer Science Programming with 4-H states. Ohio was chosen based on Clovers CODE programming. Ohio hosted Google / National 4-H grant launch event in Columbus which included Lt. Gov. Jon Husted. Ohio will create and curate computer science modules for the new 4-H CLOVER online learning platform. Ohio will bring youth and adults to the National STEM Ignite summit in 2023 and 2024. Ohio will reach 1500 new youth with computer science programming over two years.

5/2022 - Present. National Mentoring Program - Year 12 - Tech Wizards. National 4-H Council. (USD 38,871 Total Award) Training Grant. 10/2021
PI: Light, Mark
Co-I: Hedrick, Jason; Coble, Kelly
Explanation of Role: I serve as the PI for this state grant. I have been involved with the National mentoring grant for 12 years.
Description: I serve as the PI for the grant in 2 Counties - Putnam, Allen. I co-wrote the grant and coordinate 40% of the reporting and programming related to the grant.

9/2021 - 12/2022. 2021 Apple Community Education Initiative. Apple Inc. (USD 557,482 Total Award) Training Grant. 6/2021
PI: Light, Mark
Goal: State equipment donation is valued at $557,482 with $24,000 in local equipment donation.
Description: Proposed adding 15 additional counties to the Apple Community Educational Initiative with Apple. Programming will begin in 2022. This was a hardware and training donation from Apple. Items donated are listed below. Hardware 10.2-inch iPad Wi-Fi 128GB - Space Gray (10-pack configuration) - 26 AppleCare+ FOR SCHOOLS IPAD 7TH GEN SWF 3YR-PHX - 26 LOGITECH RUGGED COMBO 3 IPAD 7G-BLU-ZML- 26 Apple Pencil- 26 Apple TV HD (32GB) - 1 CEI Sphero Bolt Powerpack Custom - 1 Lock n Charge Cart - 1 13-inch MacBook Pro - 1 In addition, 4 counties will start with the High School curriculum that teaches youth app development. These counties will receive 20 MacBooks and 20 ipads.

5/2020 - 6/2021. National Mentoring Program - Tech Wizards Year 10. 4-H Council (**$57,040**) Research Grant.
PI: Light, M.
Co-I: Hedrick, Jason
Explanation of Role: Light and Hedrick cowrote the grant. Light will serve as the PI for the grant and reporting Grant involves STEM based programing for youth in an afterschool environment.

4/2019 - Present. Google: Computer Science Grant. 4-H Council and Google. (USD 50,000 Total Award) Training Grant. 3/2019
PI: Light, Mark
Explanation of Role: Wrote the grant and responsible for implementation in Ohio Counties
Goal: Google funding laid the foundation to launch a CS framework and build capacity to deliver CS education in the context of high quality Positive Youth Development for all youth. We are elevating 4-H's position as the leading youth organization to provide CS across America as we implement activities to spark interest in CS coupled with system supports to sustain and grow. 1. Receive training to develop long-range plans to deliver deeper impact and serve more rural youth with CS 2. Drive immediate implementation of CS activities 3. Serve as thought-leaders for the system and collaborate with Google
Description: This Grant introduces youth to computer science and is sponsored by Google. Light wrote the grant and is responsible for its implementation in Ohio. Chosen as 1 of 16 states for the Computer Science Grant out of 50.

3/2019 - Present. National Mentoring Program - Health Rocks NMP9. National 4-H Council. (USD 57,040 Total Award) Training Grant. 9/2018
PI: Light, Mark; Hedrick, Jason
Explanation of Role: Cowrote the grant. Serve as the contact point for Ohio. Responsible for ensuring that reporting is done each quarter and that money is spent.
Goal: Health Rocks! Mentoring Pilot is an extensive drug prevention program aimed at middle-school aged youth. The goal of the program is to improve decision making skills and increase knowledge about risky behaviors like drugs and alcohol, driving outcomes in the reduction of those behaviors. Youth are matched with adult mentors who participate in prevention activities.
Description: Light 50% Effort, Kirian 25% Hedrick 10% Long 5% Raines 5% Dellifield 5%

1/2017 - Present. County Health Education. Hardin County Commisioners. (USD 3,000 Total Award) Training Contract. 12/2016
PI: Light, M.
Co-I: Dellifield, J.
Explanation of Role: Wrote a proposal to the Hardin County Commissioners for OSU Extension Hardin County to provide the health education for county employees on the heath plan. Assist Family Consumer Science Educator with programming.
Description: Candidate wrote 100% of the proposal and attends a monthly meeting with the health committee. Candidate provided 25% of the training with the assistance of the Family Consumer Science Educator.

12/2016 - Present. Office of Juvenile Justice and Delinquency Prevention - Mentoring grant Year 7. National 4-H Council. (USD 199,640 Total Award) Training Grant. 9/2016
PI: Light, M., Belczyk, C.
Co-I: Hedrick, J., Williams, J., Coble, K., Dailey, E., Share, E., and Frayley, R.
Explanation of Role: Candidate wrote and contributed 40% of the grant and 100% of the technical knowledge. Candidate serves as the PI for Year 7. Tech Wizards is a science based after-school program that targets school attendance and delinquency prevention. This year a total of 8 counties are on the grant. Description of effort: Principal Investigator - 100% of Technical knowledge and 20% of grant writing 100% of local grant implementation.
Description: Principal Investigator and team member for implementation of the grant. Coordinate eighth counties and 15 staff members on this national grant. Outreach to 240 youth through mentoring and out of school programming. Tech Wizards sites focus on STEM Programming and adult mentoring to the youth members. This is the seventh year that Ohio has received this grant and the 5th year this candidate has been the lead PI. Candidate's efforts also allowed for the ability to hire a 0.5 FTE employee Program assistant and a 0.5 FTE Office Assistantin Hardin County OSU Extension as well as two summer college interns.

2/2016 - Present. Ohio 4-H Joins the Maker Movement. Ohio 4-H Foundation. (USD 4,000 Total Award) Training Grant. 11/2015
PI: Belczyk, C.
Co-I: Light, M.
Explanation of Role: Collaborated on a grant to the Ohio 4-H Foundation to fund two Maker festivals in Ohio, one in Southern Ohio and one in Northwest Ohio.
Description: Candidate will be coordinating the Northwest Ohio site for the Maker Festival in partnership with OSU Lima. Candidate contributed 35% to the writing of the grant.

1/2016 - Present. County Health Education. Hardin County Commisioners. (USD 3,000 Total Award) Training Contract. 12/2015
PI: Light, M.
Co-I: Dellifield, J.
Explanation of Role: Wrote a proposal to the Hardin County Commissioners for OSU Extension Hardin County to provide the health education for county employees on the heath plan. Assist Family Consumer Science Educator with programming.
Description: Candidate wrote 100% of the proposal and attends a monthly meeting with the health committee. Candidate provided 25% of the training with the assistance of the Family Consumer Science Educator.

12/2015 - Present. Office of Juvenile Justice and Delinquency Prevention - Mentoring grant Year 6. National 4-H Council. (USD 231,840 Total Award) Training Grant. 9/2015
PI: Light, M., Belczyk, C.
Co-I: Hedrick, J., Williams, J., Wilkins, J., Coble, K., Dailey, E., Miller, N., and Frayley, R.
Explanation of Role: Candidate wrote and contributed 40% of the grant and 100% of the technical knowledge. Candidate serves as the PI for Year 6. Tech Wizards is a science based after-school program that targets school attendance and delinquency prevention. This year 4 new counties were added to the grant proposal for a total of 9 counties. Description of effort: Principal Investigator - 100% of Technical knowledge and 20% of grant writing 100% of local grant implementation.

Description: Principal Investigator and team member for implementation of the grant. Coordinate nine counties (4 new) and 16 staff members on this national grant. Outreach to 240 youth through mentoring and out of school programming. Tech Wizards sites focus on STEM Programming and adult mentoring to the youth members. This is the sixth year that Ohio has received this grant and the 4th year this candidate has been the lead PI. Plans are currently in process to apply for year seven funding which will add three more counties. Candidate's efforts also allowed for the ability to hire a 0.5 FTE employee in Hardin County OSU Extension.

6/2015 - 6/2016. Spark Lab Innovation Center. National eXtension Foundation. (USD 49,658 Total Award) Training Grant. 4/2015
PI: Light, M.
Explanation of Role: Candidate wrote the grant proposal. Development of the Spark Lab, fiscal reporting, and evaluation will be done by the candidate. This was one of eight innovation grants funded nationally out of fifty applications, so the acceptance rate was only 16%.
Description: The Spark Lab will instill that inspiration or "spark" that youth and adults need to learn, discover, and grow in a creative environment by providing access to current technology and equipment. Candidate implemented the Spark Lab as a model of what future Extension offices could look like nationally. Candidate shared the results at the National eXtension Conference. Candidate's efforts also allowed for the ability to hire a 0.25 FTE employee in Hardin County OSU Extension as well as two summer college interns.

12/2014 - 1/2016. Office of Juvenile Justice and Delinquency Prevention - Mentoring grant Year 5. National 4-H Council. (USD 177,667 Total Award) Training Grant. 9/2014
PI: Light, M.
Co-I: Belczyk, C., Hedrick, J., Hanna, J., Williams, J.
Explanation of Role: Candidate wrote and contributed 40% of the grant and 100% of the technical knowledge. Candidate serves as the PI for Year 5. Tech Wizards is a science based after-school program that targets school attendance and delinquency prevention. Description of effort: Principal Investigator - 100% of Technical knowledge and 20% of grant writing 100% of local grant implementation.
Description: Principal Investigator and team member for implementation of grant. Coordinate six counties and 12 staff members on this grant. Outreach to 260 youth through mentoring and out of school programming. Tech Wizards sites focus on STEM Programming and Youth and Families with Promise sites focus on family relationships.

2/2015 - 12/2015. Lego Robotics Grant and Training for EV3. Ohio 4-H Foundation. (USD 9,600) Training Grant. 11/2014
PI: Light, M.
Explanation of Role: Wrote a grant to the Ohio 4-H Foundation to fund 30 new Lego Robotics EV3 kits for 18 counties in Ohio. Held a training for 20 Youth Development professionals on the EV3.
Description: Candidate wrote 100% of the grant, ordered the kits and software, and trained the 4-H professionals on the new Lego Robotics kits.

2/2014 - 1/2015. Office of Juvenile Justice and Delinquency Prevention - Mentoring grant Year 4 Expansion. National 4-H Council. (USD 161,000 Total Award) Training Grant. 9/2013
PI: Light, M.
Co-I: Hedrick, J., Hanna, J., Archer, T., Belczyk, C., Taylor, M., Williams, J.
Explanation of Role: Candidate wrote and contributed 60% of the grant and 100% of the technical knowledge. Candidate serves as the PI for Year 4 Tech Wizards is a science based after-school program that targets school attendance and delinquency prevention. Description of effort: Principal Investigator - 100% of Technical knowledge and 20% of grant writing 100% of local grant implementation.
Description: Principal Investigator and team member for implementation of the grant. Coordinate six counties and 12 staff members on this grant. Outreach to 240 youth through mentoring and out of school programming. Tech Wizards sites focus on STEM Programming and Youth and Families with Promise sites focus on family relationships. Candidate's efforts also allowed for the ability to hire a 0.5 FTE employee in Hardin County OSU Extension.

7/2014 - 9/2014. STEM Pathways Education at the Fair. STEM Pathways Grant. (USD 250 Total Award) Training Grant. 6/2014
PI: Light, M.
Explanation of Role: Wrote a proposal to the STEM Pathways Signature program to do STEM education at the fair.
Description: Wrote grant and implemented the educational STEM based programming at the fair with 400 youth. Wrote impact reports and submitted pictures and video of the event to the sponsor.

5/2014 - 7/2014. Fish Farm Challenge. National 4-H Council. (USD 500 Total Award) Training Grant. 3/2014
PI: Light, M.
Explanation of Role: Candidate wrote 100% of the grant request for funding.
Description: Wrote grant and implemented the educational STEM based programming at 4-H camp with 260 youth. Wrote impact reports and submitted pictures and video of the event to the sponsor.

9/2013 - 7/2014. AT&T Tech Wizard Ardunio Grant. AT&T and National 4-H Council. (USD 40,000 Total Award) Training Grant. 5/2013
PI: Light, M.
Explanation of Role: Candidate wrote and contributed 100% of the grant and the technical knowledge. Candidate serves as the PI. The AT&T Ardunio Grant is where youth learn how to code and program Ardunio circuit boards. This grant is conducted with at-risk youth.
Description: Principal Investigator and person responsible for local implementation of grant and teaching Arduino programming language. Funded through AT&T to teach youth about coding and circuits.

2/2013 - 1/2014. Office of Juvenile Justice and Deliquency Prevention - Mentoring grant renewal. National 4-H Council. (USD 82,000 Total Award) Training Grant. 9/2012
PI: Light, M.
Co-I: Jordan, J., Hanna, J., Archer, T., Belczyk, C., Taylor, M.
Explanation of Role: Candidate wrote and contributed 35% of the grant and 100% of the technical knowledge. Candidate serves as the PI for Year 3
Description: Principle Investigator and Team member for implementation of grant. Coordinate six counties and 10 staff members on this grant. Outreach to 180 youth through mentoring and out of school programming. Tech wizards sites focus on STEM Programming and Youth and Families with Promise sites focus on family relationships. Candidate's efforts also allowed for the ability to hire a 0.4 FTE employee in Hardin County OSU Extension.

1/2012 - 12/2012. Ohio College Access Beyond 12. Ohio College Access Network. (USD 20,000 Total Award) Training Grant. 1/2012
PI: Light. M.
Co-I: Oliver, K.
Explanation of Role: The candidate wrote a grant for $20,000 to conduct a college readiness program in Hardin County. This grant allowed for programming within the Hardin County Schools to promote career and college choices beyond the twelfth grade. This grant reached over 1,000 youth in the first year. Description of effort: 75% grant writing, 100% of the implementation of the grant. Percentage of your contribution 80% Overall
Description: Wrote 75% of the grant. Candidate's efforts also allowed for the ability to hire a 0.25 FTE employee in Hardin County OSU Extension.

1/2012 - 12/2012. Office of Juvenile Justice and Deliquency Prevention - Mentoring grant renewal. National 4-H Council. (USD 123,000 Total Award) Training Grant. 1/2012
PI: Archer, T.
Co-I: Jordan, J., Hanna, J., Light, M. Belczyk, C., Taylor, M.
Explanation of Role: Candidate wrote and contributed 20% of the grant and 100% of the technical knowledge.
Description: Team member for 25% implementation of grant. Outreach to 40 youth through mentoring and out of school programming. Tech Wizards is an afterschool outreach that is in two schools in Hardin County that focuses on STEM. Candidate's efforts also allowed for the ability to hire a 0.4 FTE employee in Hardin County OSU Extensio

1/2012 - 8/2012. Real Money Real World with College Access. Ohio Board of Regents: Ohio College Access Network. (USD 107,150 Total Award) Training Grant. 1/2012
PI: Hedrick, J.
Co-I: Light, M., Dick, J.
Explanation of Role: The candidate co-authored and secured a $107,150 grant to conduct regional college access programming in 2011-2012 within the Maumee Valley Extension Education and Research Area (EERA). College Access NW Ohio is an innovative, hands-on post-secondary education bridge program that gives 4-H youth the opportunity to explore college attainability, admissions, financial aid, and application processes. Candidate contributed 33% proposal, 33% supervision of new Regional 4-H Program Coordinator position, and 25% grant administration to date. Percentage of your contribution 25% Overall Goal: The grant team enhanced the Real World Real Money financial literacy program by developing and teaching curriculum focusing on college access concepts. These concepts include dual enrollment, career exploration, and financial aid. Candidate's

efforts also allowed for the ability to hire a 1.0 FTE employee in OSU Extension.
Description: Candidate contributed 33% proposal, 33% supervision of new Regional 4-H Program Coordinator position, and 15% grant administration to date

b) Funded Research, including Contracts and Clinical Trials, on Which the Candidate is or has been the Co-Investigator

3/2017 - Present. OSU EXTENSION: 4-H STEAM on the QUAD. Brundige Research Fund. (USD 6,100 Total Award) Research Grant. 2/2017
PI: Hedrick, J.
Co-I: Light, M.
Explanation of Role: Candidate will provide 25% of the data gathering and presentations on the project. Fiscal management of the grant will be done by Hedrick.
Description: Candidate assisted in the writing of the proposal. Candidate will provide activities for the STEAM on the Quad event and assist with the research of the participants.

1/2015 - Present. Exploring the Values, Goals, and Influence of Parents on Youth Career Choices and Community Retention. Brundige Research Fund. (USD 7,150 Total Award) Research Grant. 12/2014
PI: Hedrick, J.
Co-I: Light, M.
Explanation of Role: Candidate will provide 50% of the data gathering and presenting on the project. Fiscal management of the grant will be done by Hedrick.
Description: Candidate assisted in the writing of the proposal. Candidate will provide research data for the Hardin County 4-H participants.

c) Proposals for Research Funding that are Pending or were Submitted but not Funded

2/2022. After School Create. Ohio Department of Education. ($**984,474**) Training Grant. **PI: Light, M.**

Explanation of Role: PI for the statewide grant application for 8 counties. Unfunded **d) Funded Training Grants on Which the Candidate is or has been the Equivalent of the Principal Investigator**

6) List of Prizes and Awards for Research, Scholarly or Creative Work

- 2022 - Present. NAE4HYDP Excellence in STEM Award - Ohio, National Association of 4-H Youth Development Professionals
- 2021 - Present. ESP Creative Works, Promotional Flyer, First Place, Ohio Epsilon Sigma Phi
- 2021 - Present. ESP Creative Works, Blogs, Third Place, Ohio Epsilon Sigma Phi
- 2020 - Present. Educational Tool - First Place, Ohio Joint Council of Extension Professionals
- 2019 - Present. Social Networking Medium - 2nd Place, Ohio Joint Council of Extnesion Professionals
- 2019 - Present. Promotional Package Team 3rd Place, Ohio Joint Council of Extension Professionals
- 2016 - 2016. 4-B Educational Exhibit - Internally produced - Second Place - Game of Life, Epsilon Sigma Phi, The Ohio State University
- 2016 - 2016. Excellence in Teamwork - North Central Regional award - STEM Pathways, National Association of Extension 4- H Agents
- 2015 - 2015. 4-A Educational Exhibit - Internally produced - Honorable Mention Team - Digital Poster using iPads, Epsilon Sigma Phi, The Ohio State University
- 2015 - 2015. Bulletins and Monographs – 8B - 3rd Place, Epsilon Sigma Phi, The Ohio State University
- 2015 - 2015. Curriculum Package (Team) – 7B - First place - STEM Pathways, Epsilon Sigma Phi, The Ohio State University
- 2015 - 2015. Educational Technology Award - State Winner, National Association of Extension 4- H Agents
- 2014 - 2014. 1-E Periodical Publication - Honorable Mention, Epsilon Sigma Phi, The Ohio State University
- 2014 - 2014. 4-A Educational Exhibit 3rd place Team, Epsilon Sigma Phi, The Ohio State University
- 2013 - Present. Green Award: Recognition for Leadership in Extension Sustainability Programming, Nartional Network of Sustainable Living Education: Association of Natural Resources Extension Profes

- 2013 - 2013. Denise Miller National 4-H Innovator Award - State Award, National Association of Extension 4-H Agents, National Association of Extension 4-H Agents
- 2012 - Present. Curriculum Package (Team), honorable mention: Real Money Real World, Epsilon Sigma Phi, The Ohio State University
- 2010 - Present. OSU Extension Cost Recovery Award winner, The Ohio State University
- 2008 - Present. OSU Extension Cost Recovery Award, The Ohio State University

Service

List of Offices Held and Other Service to Professional Societies. List of Organization in Which Office was Held or Service Performed. Describe Nature of Organization (Open or Elected Membership, Honorary)

- 2012 - Present. Member. Epsilon Sigma Phi, Epsilon Sigma Phi Description of Effort: Extension Professional Honorary. Served on the Resource Development Committee 2016. Received National Early Career Award in 2016.
- 2006 - Present. Elected Vice President. NAE4HA / NAE4HYDP service, National Association of Extension 4-H Agents (NAE4HYDP) Description of Effort: 2020 & 2021 - Served on the National Organizational Stewardship committee 2019 - 2021 - National STEM working group. 2018 Hosted national conference - Co-chair for Technology and Facility committee 2016 & 2017 Elected Vice President of Member Services Coordinate the needs for 3,600 NAE4HA members. Liaison to the awards and recognition, life members, and history committees. 2016 & 2017 Co-Chair of the Technology Committee for the 2018 NAE4HA Conference which will be hosted in Columbus. 2015, 2016 & 2018, 2019, 2020 - Reviewed five promotional packets from University of Florida Extension, Mississippi State, and West Virginia Extension personnel applying for promotion as an out of state reviewer. 2013 - 2015 Elected North Central Regional Director. Moved up to Senior Director early when Senior Director left Extension. Served as the sole representative for 4 months to the North Central Region of 12 states. Had over half of the national conference attendance from our region in 2014. Opening moderator for the first day of conference 2014. Visited and presented on behalf of NEA4-HA at the Ohio (11/2/13), Indiana (4/23-24/14), and Illinois (9/10-11/14), Kansas (4/29-30/15), Michigan (5/10-11/15) state meetings. Attended JCEP (3 years) and PILD conferences as a representative of NAE4-HA. Coordinated technology needs at JCEP conference in 2015. February - June 2015- Served as interim Webmaster in the absence of an Executive Director Spring 2015 - Served on the interview committee for new executive director representing the membership 2012 - 2014 - Present Session Reviewer. 2012 Elected Ohio President. Represented 104 4-H professionals from Ohio.
- 2013 - 2016. Member. State, Ohio Joint Council of Extension Professionals JCEP Description of Effort: Served on the Professional Development Committee in 2013 and the Member services committee in 2016.
- 2006 - 2012. Member. State, Ohio Association of Extension Professionals.

List of Consultation Activity

- 2022 - Present. Education. Believe in Ohio - Entrepreneurial Program. Believe in Ohio: Columbus, United States. Description of Effort: Serve as the 4-H connection to this Entrepreneurial program under the Ohio Academy of Science.
- 2021 - Present. Education. BSET Program - Bachelor of Science in Engineering Technology. BSET Program - College of Engineering: Mansfield, United States. Description of Effort: Serve as a bridge between the BSET program and Ohio 4-H. Help connect youth from 4-H to be able to pursue engineering degrees at regional campuses.
- 2012 - Present. Education. Professional consultation in the candidate's area of expertise is regarded as part of normal job duties. Hardin County, Ohio.

Administrative Service

a) Unit Committees

Campus

- 2016 - Ongoing. Member, STEAM on the QUAD, Lima, United States.
  Description of Effort: Serve as the 4-H representative on the committee for the community-based STEAM on the

QUAD event in September. This event showcases campus and 4-H STEAM-related subject matter to K-12 youth and their families.

- 2011 - Ongoing. Invited Member, Agricultural Advisory committee, Lima, Ohio, United States.
Description of Effort: Severed as an advisory board member to the university's agriculture department. Share trends in the agricultural and technology areas that should be included in curriculum.
- 2019 - 2020. Invited Speaker, Sesquicentennial Student Scholar Leadership Program, Lima, Ohio, United States.
Description of Effort: Faculty member was asked to be one of 5 faculty to participate in the Sesquicentennial Student Scholar Leadership Program at the OSU Lima campus. Only 5 faculty lead seminars for the student scholars on this branch campus. Only 2 faculty in Extension were asked to participate in this program.
- 2015 - 2015. Evaluator, OSU CARES Grant Review committe.
Description of Effort: One of three grant reviewers for OSU CARES grants that are a partnership between OSU Extension and another OSU department across campus. Read all the grants, listened to presenters, and narrowed down and selected grant recipients.
- 2014 - 2015. Evaluator, OSU CARES Grant Review committe.
Description of Effort: One of three grant reviewers for OSU CARES grants that are a partnership between OSU Extension and another OSU department across campus. Read all the grants, listened to applicants' presentations, and narrowed down and selected grant recipients. Reviewed grants for two years.

Department

- 2020 - Ongoing. Appointed Member, OSU Extension Work Life Task Force, Columbus, Ohio, United States.
Description of Effort: Served on the committee and provided perspective from an area leader and 4-H educator perspective. Co-Taught a lesson on the Disney way. Shared 2020 dissertation research on COVID remote work.
- 2020 - Ongoing. Member, Partnerships. Diversity, Equity, Inclusion Extension Task Force, Columbus, Ohio, United States.
Description of Effort: Member and contributor to the Partnerships subcommittee. Hosted a Diversity 101 training for Areas 2 and 8.
- 2019 - Ongoing. Elected Member, Faculty Promotion and Tenure committee, Columbus, Ohio, United States.
Description of Effort: Elected as a faculty member to represent 4-H on the Promotion and Tenure Committee. Mentored Travis West in his years 2, 3, 4 in the P&T process. Elected Chair of the committee for 2021. Held two promotion workshops with Greg Davis for new faculty and transfer candidates in 2021. Mentored Hawkins in her 6th year and Jenkins in her 4th year. Had 4 Educators in Area 8 go for promotion and were successful in A&P. Re-elected for an additional three year term 2022-2024.
- 2017 - Ongoing. Contributor, Professional Development Committee. Ohio Joint Council of Extension Professionals JCEP.
Description of Effort: Member of the professional development committee - 2019 worked on the new staff member outreach
- 2017 - Ongoing. Contributor.
Description of Effort: Candiate attended the two-day retreat in January and contributed to the inital dialogue and curriculum outline.
- 2016 - Ongoing. Active Contributor, OSU Extension Innovate Conference Committee.
Description of Effort: Candidate planned for the Extension Innovate conference. This was a new conference for Extension to promote innovation and ideas. Marketed to the 4-H Professionals and helped with overall publicity and agenda for the day. Served on the 2016 and 2017 committee.
- 2016 - Ongoing. Invited Member, OSU Extension ETIT - Educational Technology Institution Team.
Description of Effort: Serve as team member to promote and incorporate eduational technology into the organization.
- 2015 - Ongoing. Active Contributor, Youth Strategies. Extension Non-traditional Peer Review Committee.
Description of Effort: Extension faculty committee that is taking a look at the peer review process for non-traditional materials, especially online resources.
- 2014 - Ongoing. Advisor, New Educator Mentoring.
Description of Effort: Serve as an informal mentor to three new educators. Wrote five peer review letters for colleagues in 2014, five in 2015 and four letters in 2016, 3 in 2017 and 5 in 2018. Wrote promotion evaluation letters for two candidates in 2015 and a EEET summary in 2018.

- 2009 - Ongoing. Invited Member, OSU Extension iTeam for eXtension.
  Description of Effort: Serve as team member to promote and incorporate National eXtension Initiative at OSU Extension.
- 2019 - 2020. Ad hoc Member, Evaluation subcommittee. OSU Extension Faculty, Columbus, OH, United States.
  Description of Effort: Committee member. Made a recommendation for a new EEET form that mirrors the SEI for on Campus Faculty
- 2017 - 2017. Active Contributor.
  Description of Effort: Candidate planned for the afternoon breakout session which was one of three planned. Candidate also planned the team building exercises for the day.
- 2012 - 2016. Active Contributor, Youth Strategies. Extension Energize Ohio Working Team.
  Description of Effort: Representative to promote Alternative Energy and STEM youth programming. Creation of signature program in 2012
- 2014 - 2014. Active Contributor, OSU Extension Annual Conference Committee.
  Description of Effort: Candidate planned for the Extension annual conference. Served as co-chair of the technology and engagement subcommittee. Served as a day host on Wednesday. Represented VP Conversation group on committee. Helped to coordinate the Tech Zoo and staffed the 3-D printer exhibit.
- 2012 - 2014. Elected Member, Adminstration and Professional Promotion Review Committee.
  Description of Effort: Serve on a nine-member panel reviewing peer candidates' promotion documents. Completed year 3 of service. Reviewed over 50 promotion vitae during time on the committee.
- 2012 - 2013. Invited Contributor, OSU Extension Strategic Plan Review Committee.
  Description of Effort: Reviewed strategic plan and offered suggestions. Represented 4-H professionals on this team as an invited member.
- 2012 - 2012. Active Contributor, OSU Extension Annual Conference Committee.
  Description of Effort: Candidate planned for the Extension annual conference. Served as co-chair of the program subcommittee.
- 2010 - 2011. Active Contributor, Extension Advanced Energy Network.
  Description of Effort: Representative to promote Alternative Energy and STEM youth programming.
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- 2009 - 2010. Founding Chair, 1 FTE Extension Support Team.
  Description of Effort: This group was created to provide support to 1 FTE County Extension Programs.
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  Description of Effort: This group was created to provide support to 1 FTE County Extension Programs.
- 2009 - 2009. Co Chair, OSU Extension Annual Conference Committee.
  Description of Effort: Candidate planned for the extension annual conference. That year CES was also added to the annual conference program group.
- 2007 - 2008. Invited Contributor, Technology Extension Subcommittee. OSU Extension Strategic Plan.
  Description of Effort: Reviewed Technology plan and offered suggestions.

Division

- 2016 - Ongoing. Appointed Advisor, Educator Mentor.
  Description of Effort: Serve as a mentor to the new Community Development Educator in Pickaway county. A new position bridging STEM between highschool and businesses. Also served on the state selection committee.
- 2012 - 2018. Administrative Administrator, CED.

Program

- 2019 - Ongoing. Ad hoc Member, SPIN Club Working group. Ohio 4-H SPIN Working Group, Columbus, Ohio, United States.
  Description of Effort: Committee Member - Group created the structure and guidelines for new SPIN 4-H clubs. Presented findings at the November inserivce
- 2013 - Ongoing. Elect Chair, Robotics, Energy, Technology. Ohio 4-H STEM Design Team.
  Description of Effort: Creation of signature program in 2013. Served as a resource for robotics, technology, energy, circuits, and other STEM programming. Chair-elect for 2019. CHAIR - 2020 Created Ohio 4-H STEM Blog to promote 4-H STEM work Served as the Blog editor. In 2021 Lead the Spring into STEM 3-month blog initiative. Filled in as chair at the end of 2021, when the current chair left.
- 2012 - Ongoing. Active Member, Long Range Planning / Program Committees. 4-H Camp Ohio Board of Trustees.
  Description of Effort: Served on Long Range Planning Committee 2012-2018, During 2014 - 2016 also served on the program committee.
- 2008 - 2010. Appointed Chair, Long Range Planning Committee. 4-H Camp Palmer Board of Trustees.
  Description of Effort: Served as the Chair of the Long Range Planning Committee
- 2006 - 2010. Member, 4-H Camp Palmer Board of Trustees.
  Description of Effort: One of eleven board members from Northwest Ohio Counties that have ownership in camp.
- 2006 - 2010. Member, 4-H Camp Palmer Board of Trustees.
  Description of Effort: One of eleven board members from Northwest Ohio Counties that have ownership in camp.
- 2008 - 2009. Appointed Member, 4-H Internal Advisory Committee.
- 2008 - 2009. Appointed Member, 4-H Internal Advisory Committee.
- 2008 - 2009. Appointed Member, 4-H Internal Advisory Committee.
- 2008 - 2009. Appointed Member, 4-H Internal Advisory Committee.
- 2007 - 2009. Invited Member, Networking Sub-committee. Annual Statewide 4-H Educators Retreat Planning Committee.
- 2007 - 2009. Invited Member, Networking Sub-committee. Annual Statewide 4-H Educators Retreat Planning Committee.
- 2008 - 2008. Vice President, 4-H Camp Palmer Board of Trustees.
- 2008 - 2008. Vice President, 4-H Camp Palmer Board of Trustees.

b) College or University Committees

College

- 2016 - Ongoing. Invited Contributor, CFAES cohort for the RiV replacement system.
  Description of Effort: Selected as a representative from Extension as current assistant professor going through the tenure process to test the new Symplectic Elements.
- 2019 - 2019. Appointed Advisor, CFAES - Internships, Columbus, Ohio, United States.
  Description of Effort: 2019 Supervised Ally McCurdy, Kaytlyn Graver, and Adam Wagner 2018 Supervised Molly Hunt, Kaytlyn Graver, and Dillon Rall
- 2018 - 2018. Invited Leader, Campus Campaign College team.
  Description of Effort: Selected as a representative from Extension to be on the College committee for the University Campus Campaign.
- 2015 - 2016. Invited Contributor, CFAES Business Office Advisory Committee.
  Description of Effort: Selected as representative from Extension as a County Extension Director on this advisory committee.

- 2011 - 2016. Invited Member, CFAES Change Catalyst Team.
  Description of Effort: Integrated social media into team efforts for diversity awareness in the college. Chaired the diversity grant selection process in 2014-2015.
- 2016 - 2016. Active Contributor, ACEL Classroom Innovation Committee.
  Description of Effort: Serve as a student and Extension contributor in looking at the Agricultural Communication Extension and Leadership (ACEL) classroom spaces within Agriculture Administration building.
- 2014 - 2016. Invited Representative, CFAES Vice President's Extension Futuring Committee.
  Description of Effort: Selected as the only 4-H professional on the committee out of over 100 in the state of Ohio. Purpose of the committee is to focus on next 100 years of Extension and offered suggestions for where we are headed. Held workshops for internal and external feedback on the needs of Ohioans in the future to identify key topic areas. Contributed to 17 white papers on key topics for Extension to consider moving forward. Wrote one of the 2035 future scenarios using technology and education and the main drivers for the scenario development. Served as the MC during the Annual Conference futuring dialogue day. Led four futuring workshops (three in person and one online) in spring 2015. Committee
- 2011 - 2013. Appointed Member, CFAES Information Technology.
  Description of Effort: Represent the Extension Department on the committee. Make recommendations that affect policy and equipment needs for the department.

  University

- 2021 - Ongoing. Invited Member, CFAES Dean's Review committee, Columbus, United States.
  Description of Effort: One of 8 faculty selected by the Provost's office to review Dean Kress and recommendation for reappointment. I am the only representative from the Extension Department.
- 2018 - Ongoing. Faculty Evaluator, Peer Reviewer, Columbus, Ohio, United States.
  Description of Effort: 2020 - Wrote 4 Peer letters for Badertscher, Barnes, Thoreau, and Dellifield 2020 - Reviewed promotion package for Meriwether (from Mississippi State) 2020 - Peer reviewed 5 posts for the Ohio 4-H STEM Blog 2019 - Wrote 6 Peer review Letters for Villard, Turner, Long, Thoreau, Gherman, and Raines. Peer viewed Community Development fact sheet 2019 - Out of state promotion packet review for Estevez (FL), Cherry (FL), and Lusk (WV)
- 2022 - 2022. Invited Reviewer, Outreach & Engagement Grants.
  Description of Effort: Reviewed Outreach and Engagement grants for the Provosts' office
- 2022 - 2022. Invited Reviewer, President's Research Excellence Accelerator Proposal Review.
  Description of Effort: Reviewed grant proposals for the President's Accelerator grants

c) Initiatives Undertaken to Enhance Diversity in your Unit, College or the University

- 2012 - Present. Affirmative Action. Other.
  Description of Effort: OSU Extension embraces human diversity and is committed to ensuring that all educational programs conducted by Ohio State University Extension and the College of Food Agriculture and Environmental Science are available to clientele on a nondiscriminatory basis without regard to race, color, age, gender identity or expression, disability, religion, sexual orientation, national origin, or veteran status. Programming efforts are consistent with all University diversity policies and affirmative action plans. In 2019 participated with two county on-site reviews by NIFA/USDA who were conducting a diversity review of Ohio State Univerisity Extension Attended the Civil Rights Refresher during the Fall Roadshows in 2020 and 2021. DEI Task Force in 2020 and 2021. Read White Fragility book for professional development.
- 2015 - 2015. Community Outreach. Collaborator.
  Description of Effort: Vulnerable Population Champions - Working group of 40 youth professionals under the direction of USDA-NIFA division. Goal is to champion the 4-H outreach and programming to under-served youth populations. 2015 is the first year for this initiative and the candidate serves on the inaugural class. Candidate was selected due to work with at-risk youth population work.
- 2013 - 2013. Mentoring. Mentor.
  Description of Effort: Co-led a group of 96 youth for an educational trip to the Presidential Inauguration in January 2013. Participants completed a community service project, listened to a speaker on diversity and service, toured various historical sites in Washington, and attended the President's Inauguration. Returned as a chaperone in January 2017 for the next Inauguration with 42 youth from Ohio.

List of prizes and awards for service to your profession, the university or your unit

- 2019 - Present. NAE4HA STEM Award - Ohio winner, National Association Extension 4-H Agents
- 2018 - 2018. Charles Lifer - Excellence in 4-H Award, Ohio 4-H, Ohio State University
- 2016 - 2016. National ESP Early Career Award for the North Central Region, National Epsilon Sigma Phi, Epsilon Sigma Phi
- 2015 - 2015. Early Career State Award 2-10 years, Epsilon Sigma Phi, The Ohio State University
- 2014 - 2014. NAE4-HA Distinguished Service Award, NAE4-HA
- 2013 - Present. Early Career Award, Epsilon Sigma Phi Ohio ETA Chapter
- 2013 - Present. Distinguished Service Award, Ohio NAE4-HA
- 2013 - 2013. Distinguished Diversity Enhancement Award, The Ohio State University, The Ohio State University
- 2012 - Present. Diversity Champion Team Award, Tri-State Diversity Conference
- 2011 - Present. State Service Award (2-10 years), Ohio Association of Extension Professionals, The Ohio State University
- 2011 - Present. West Region State Achievement Award (2-10 years), OAEP, The Ohio State University
- 2010 - 2010. West Region State Achievement Award (2-10 years), OAEP, The Ohio State University
- 2009 - Present. Achievement in Service Award, National Association of Extension 4-H Agents (NAE4HA)
- 2008 - 2008. West Region State Achievement Award (2-10 years), OAEP, The Ohio State University
- 2008 - 2008. Achievement in Service Award (2-10 years), Ohio Association of Extension Professionals, The Ohio State University

10) Brief elaboration that provides additional information about service activities listed above

None